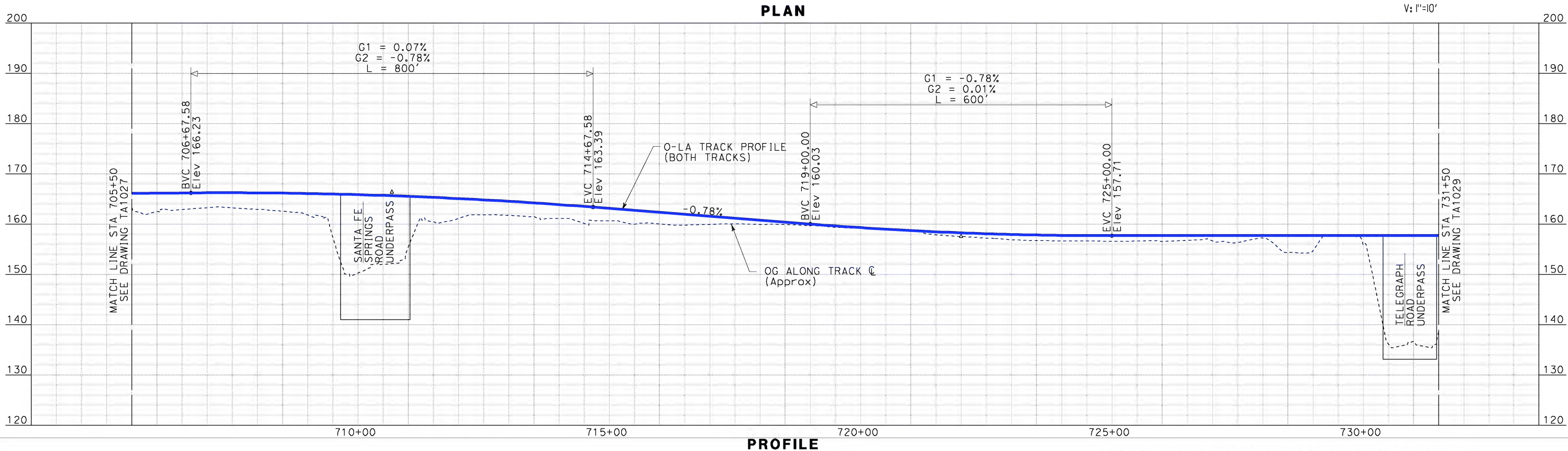
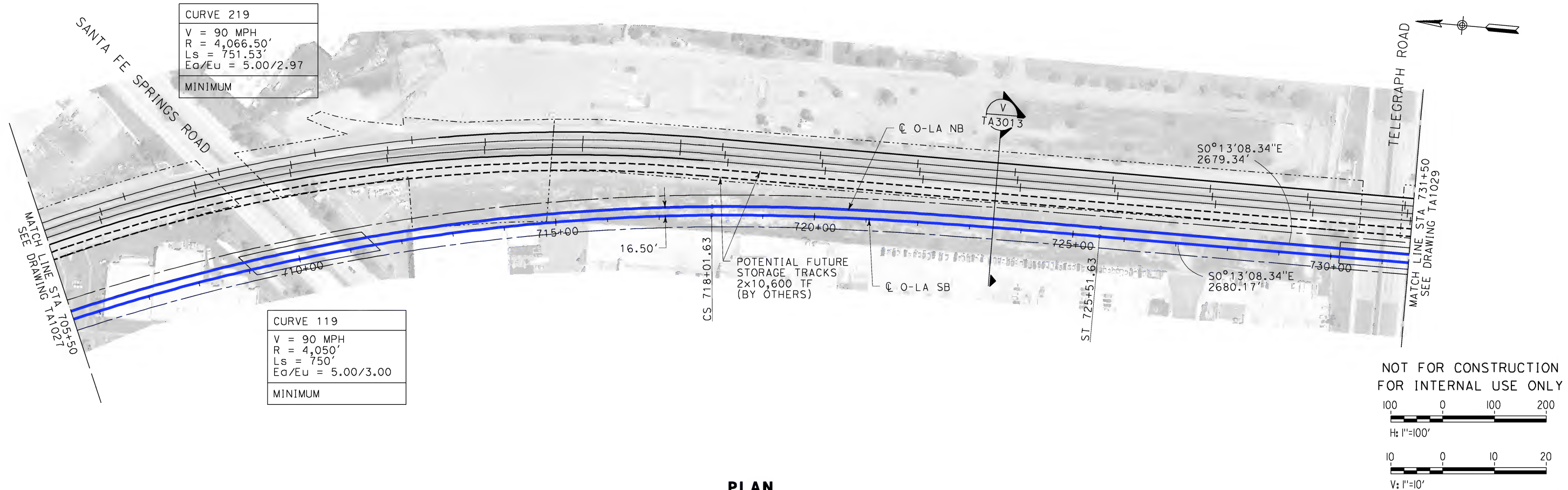


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SPERRY



REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

**STV Incorporated**  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556

**CALIFORNIA HIGH-SPEED RAIL AUTHORITY**  
**FLY CALIFORNIA**  
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 705+50 TO STA 731+50

CONTRACT NO.  
HSR06-0005

DRAWING NO.  
TA1028

SCALE  
AS SHOWN

SHEET NO.



12/22/2009 11:10:36 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1029.dgn

SPERRY

MATCH LINE STA 731+50  
SEE DRAWING TA1028

PS NO. 31.2 TURNOUT  
STA 734+70.78  
(DESIGN SPEED =  
80 MPH)

S0°13'08.34"E  
2679.34'

S0°13'08.34"E  
2680.17'

W  
TA3013

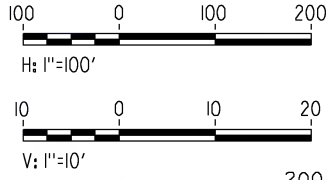
CURVE 220  
V = 80 MPH  
R = 12,016.50'  
Ls = 210.14'  
Ea/Eu = 1.50/0.63

FLORENCE AVENUE

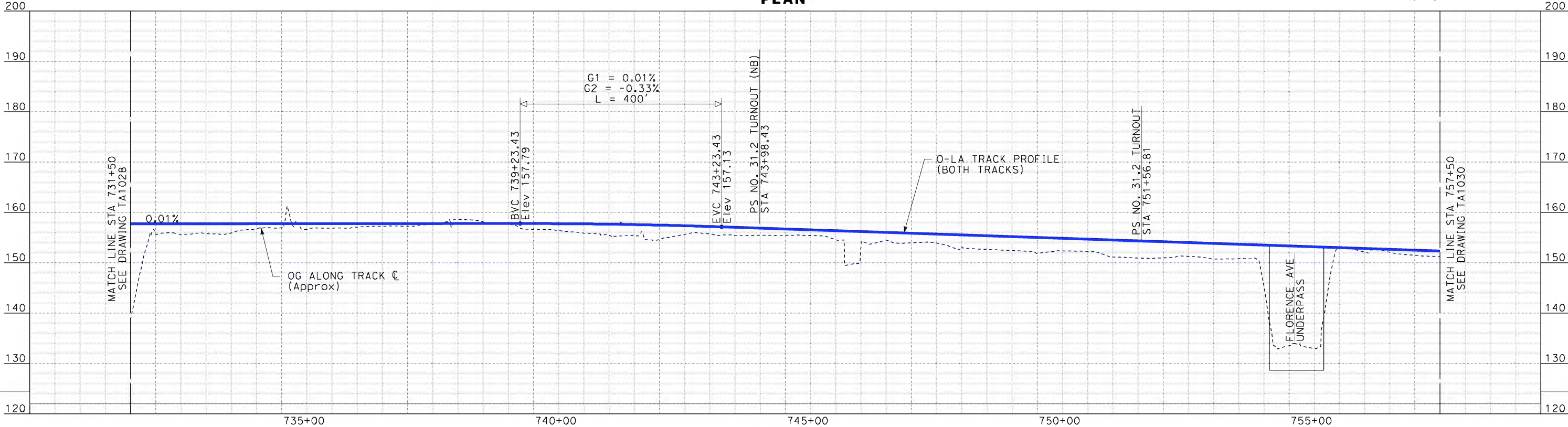
MATCH LINE STA 757+50  
SEE DRAWING TA1030

CURVE 120  
V = 80 MPH  
R = 12,000'  
Ls = 210'  
Ea/Eu = 1.50/0.63

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PLAN



PROFILE

DESIGNED BY	K. MCCULLOUGH
DRAWN BY	K. MCCULLOUGH
CHECKED BY	A. SOKOL
IN CHARGE	D. THOMSON
DATE	12-22-09



CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 731+50 TO STA 757+50

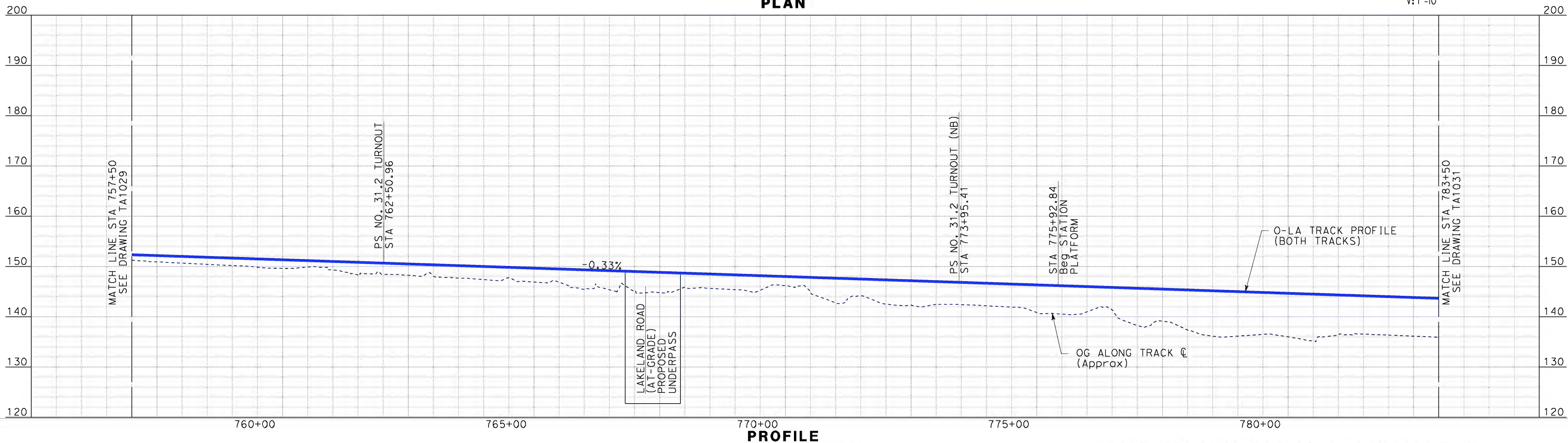
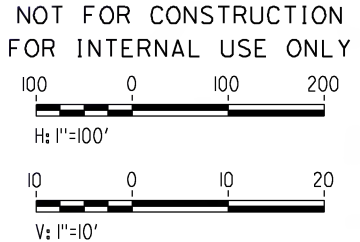
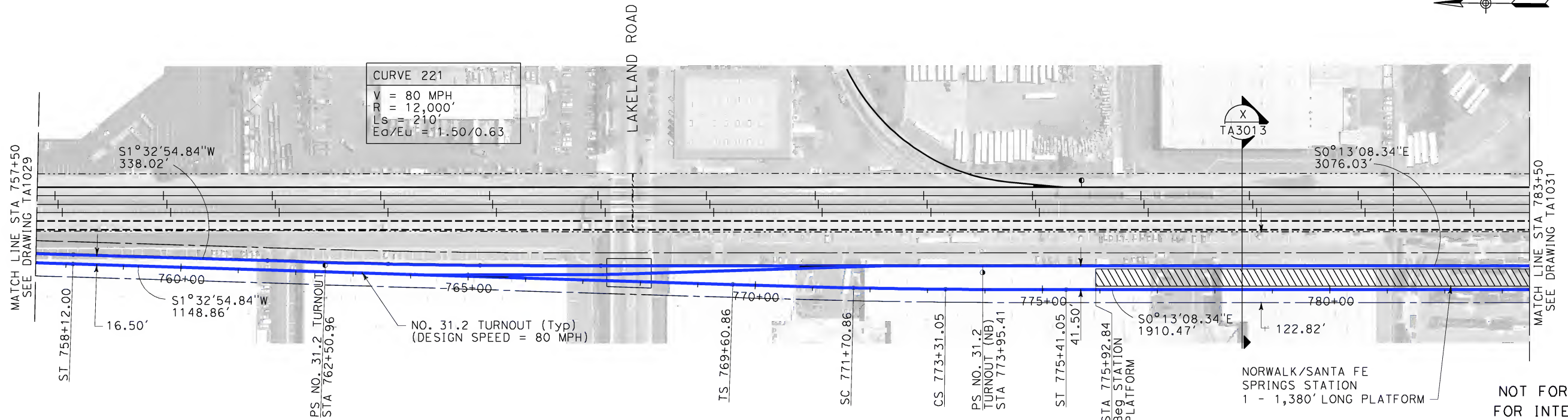
CONTRACT NO.	HSR06-0005
DRAWING NO.	TA1029
SCALE	AS SHOWN
SHEET NO.	

REV	DATE	BY	SUB	APP	DESCRIPTION



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SPERRY



REV	DATE	BY	SUB	APP	DESCRIPTION

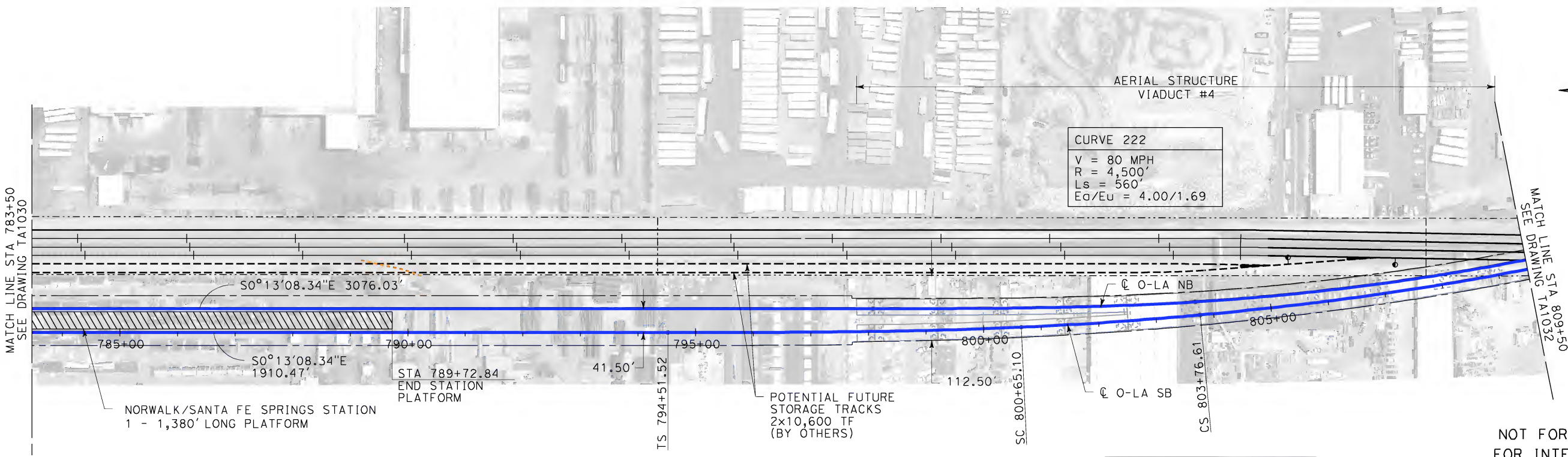
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
  
PLAN AND PROFILE  
STA 757+50 TO STA 783+50

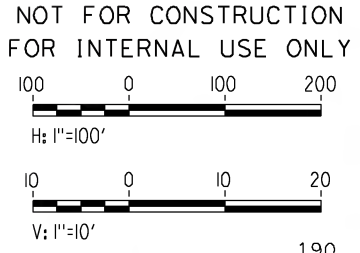
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DRAWING NO. TA1030
SCALE AS SHOWN
SHEET NO.



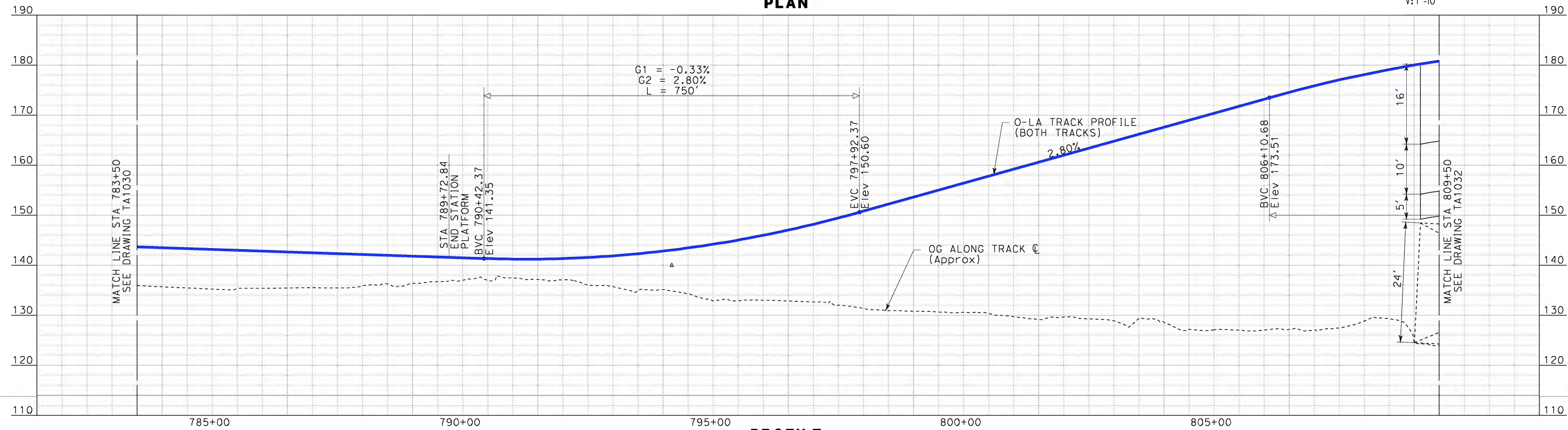


CURVE 222  
V = 80 MPH  
R = 4,500'  
Ls = 560'  
Ea/Eu = 4.00/1.69

CURVE 122  
V = 80 MPH  
R = 6,790.93'  
Ls,in = 613.58'  
Ls,out = 735.75' (COMPOUND)  
Ea/Eu = 2.00/1.77



PLAN



PROFILE

12/22/2009 11:11:13 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1031.dgn

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

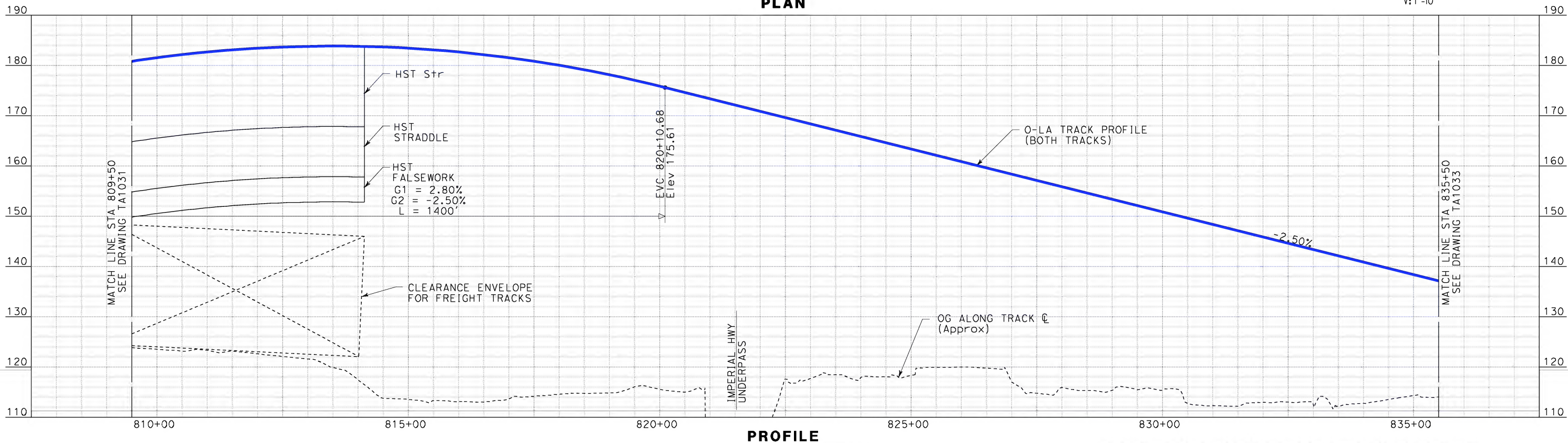
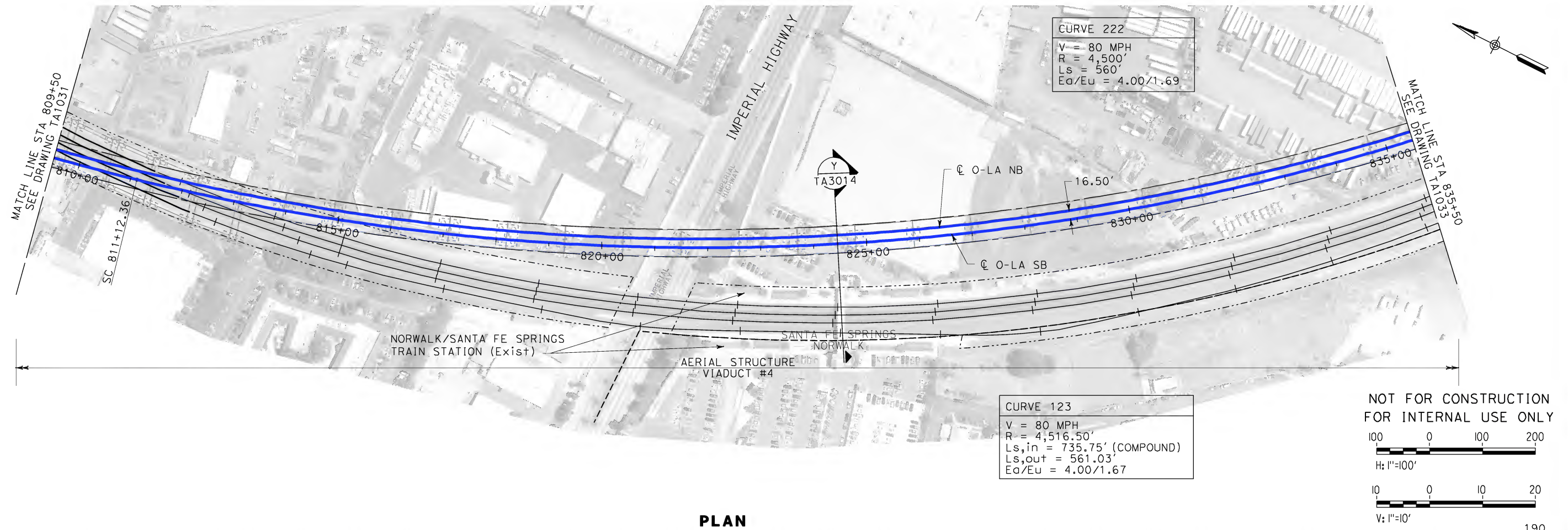


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 783+50 TO STA 809+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1031
SCALE AS SHOWN
SHEET NO.





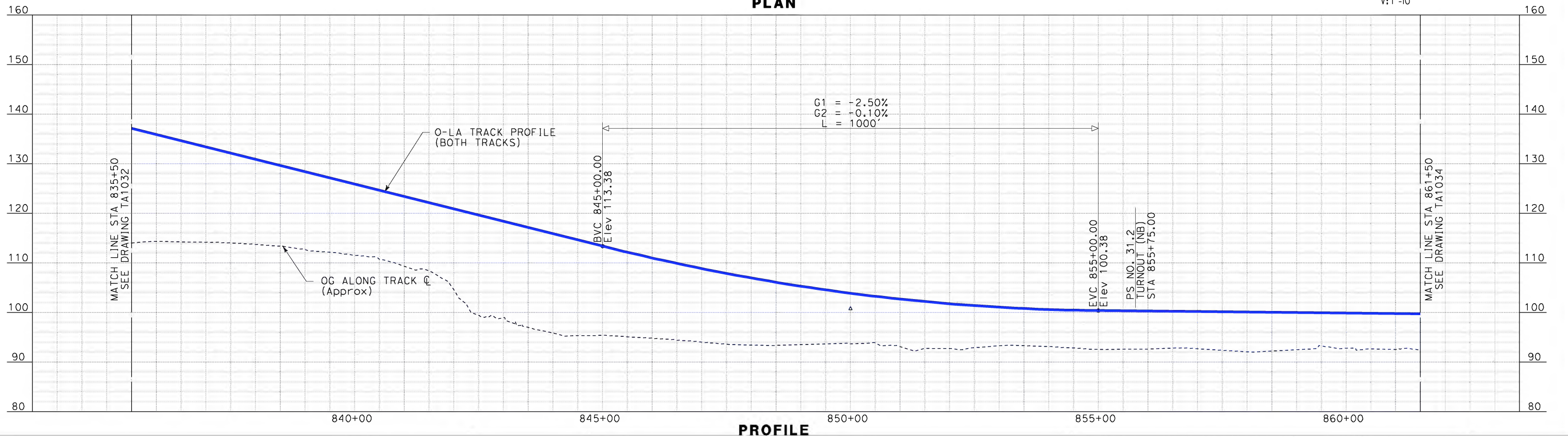
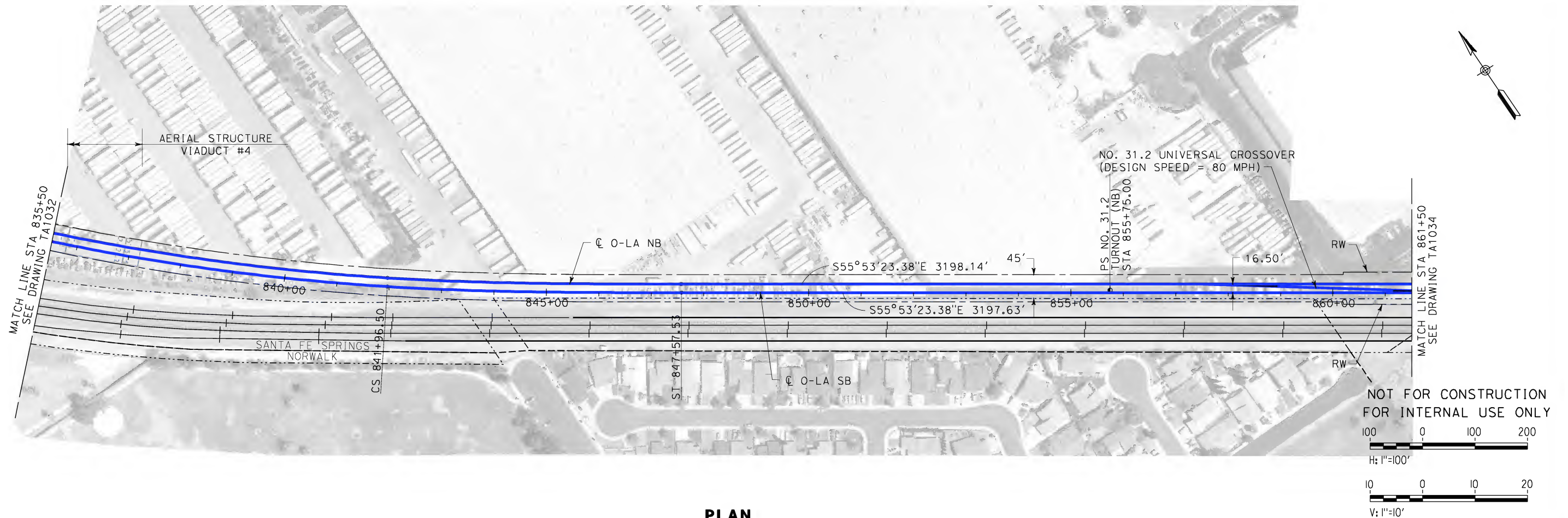
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<div>REV    DATE    BY    SUB    APP    DESCRIPTION</div>					<div>DESIGNED BY K. MCCULLOUGH</div> <div>DRAWN BY K. MCCULLOUGH</div> <div>CHECKED BY A. SOKOL</div> <div>IN CHARGE D. THOMSON</div> <div>DATE 12-22-09</div>	<div>STV Incorporated</div> <div>ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS</div> <div>1055 WEST SEVENTH STREET, SUITE 3150</div> <div>LOS ANGELES, CA 90017-2556</div>	<div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div> <div>FLY CALIFORNIA</div> <div>Without ever leaving the ground.</div>	<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT</div> <div>ORANGE COUNTY TO LOS ANGELES</div> <div>BASELINE ALIGNMENT</div> <div>PLAN AND PROFILE</div> <div>STA 809+50 TO STA 835+50</div>	<div>CONTRACT NO. HSR06-0005</div> <div>DRAWING NO. TA1032</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>
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SPERRY



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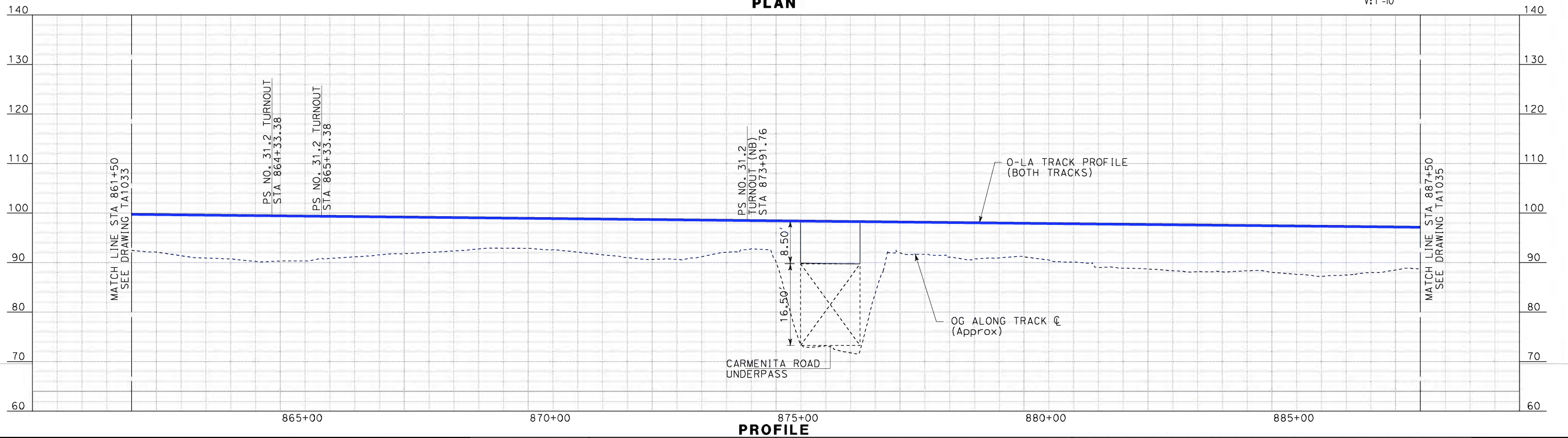
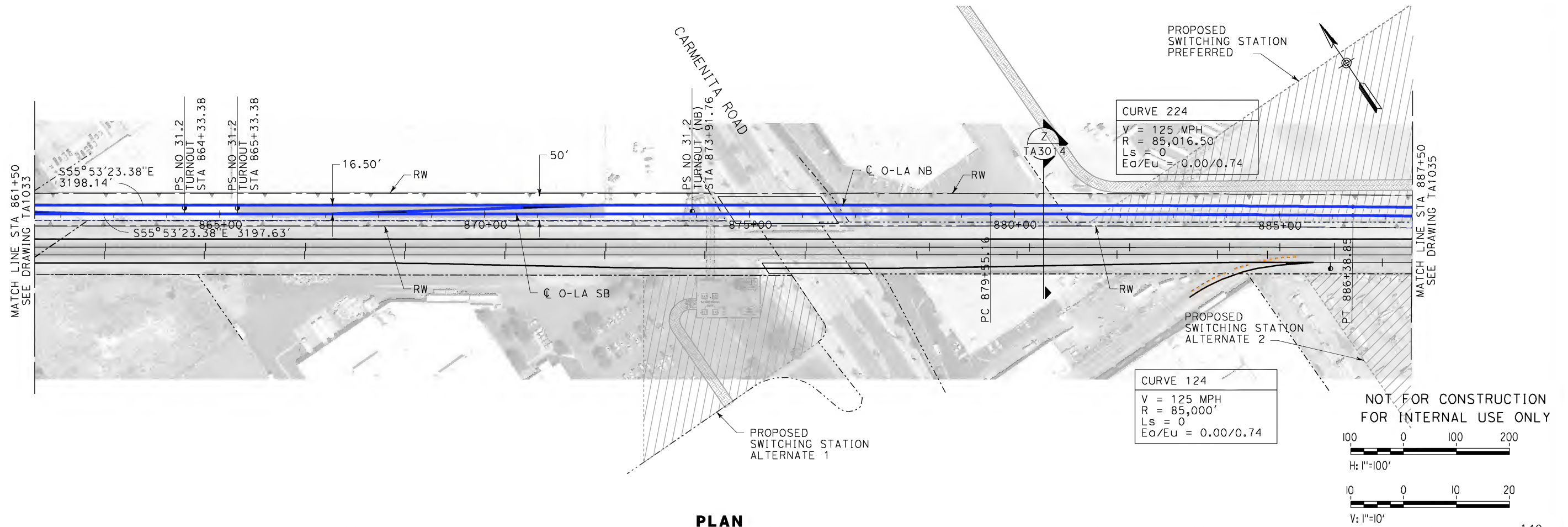
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 835+50 TO STA 861+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1033
SCALE AS SHOWN
SHEET NO.



12/22/2009 11:12:13 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1034.dgn



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1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556



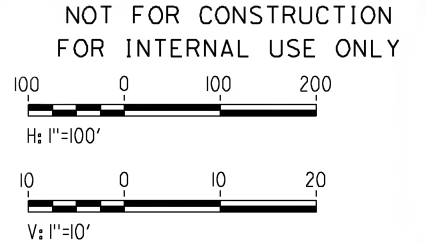
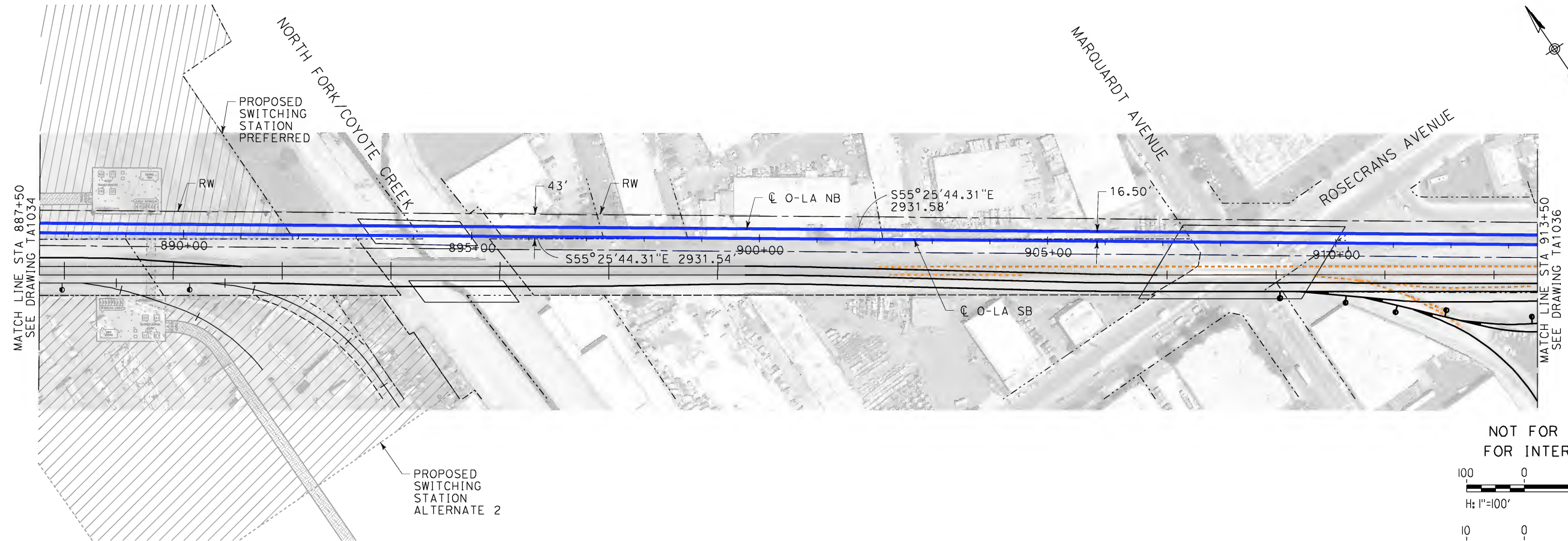
CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
**FLY CALIFORNIA**  
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

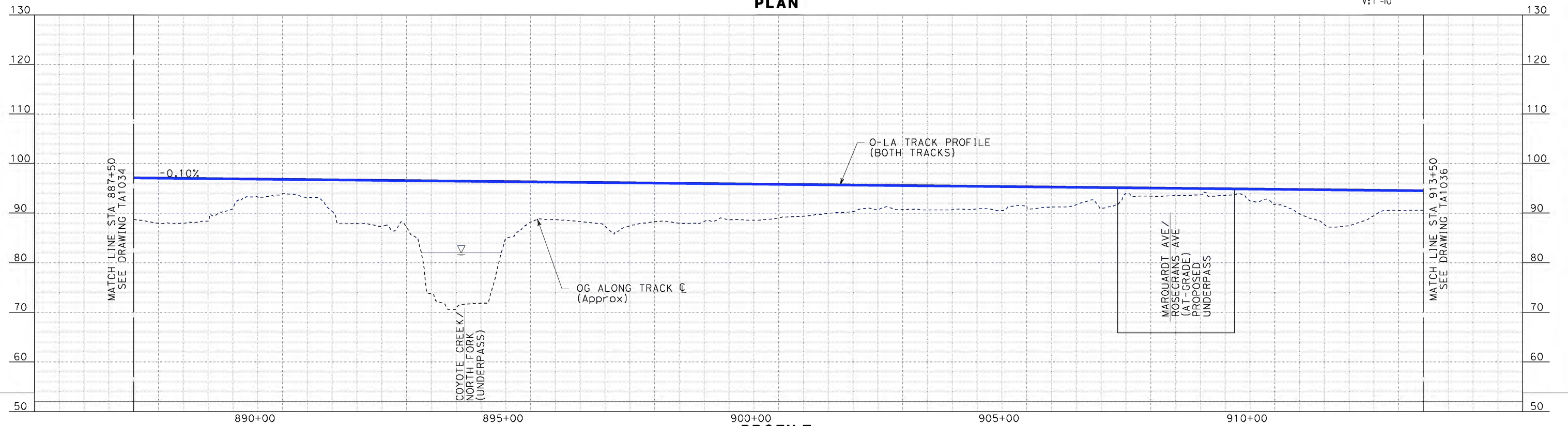
PLAN AND PROFILE  
STA 861+50 TO STA 887+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1034
SCALE AS SHOWN
SHEET NO.





PLAN



PROFILE

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DATE 12-22-09

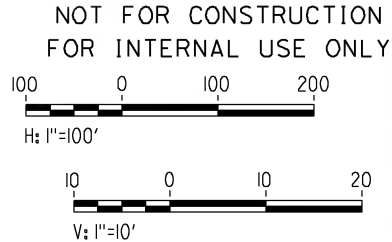
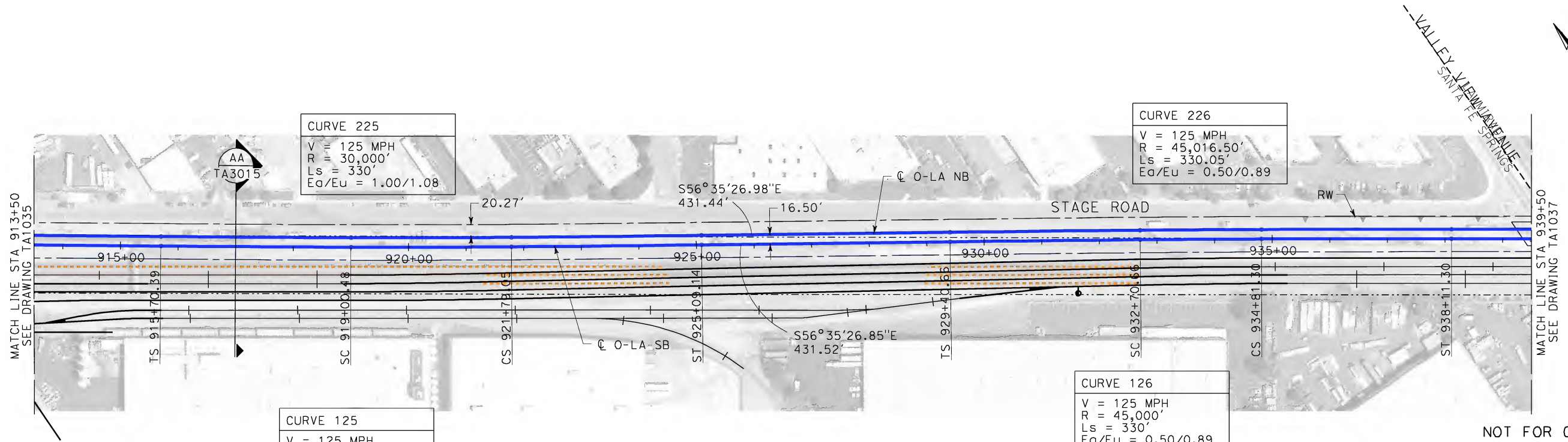


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

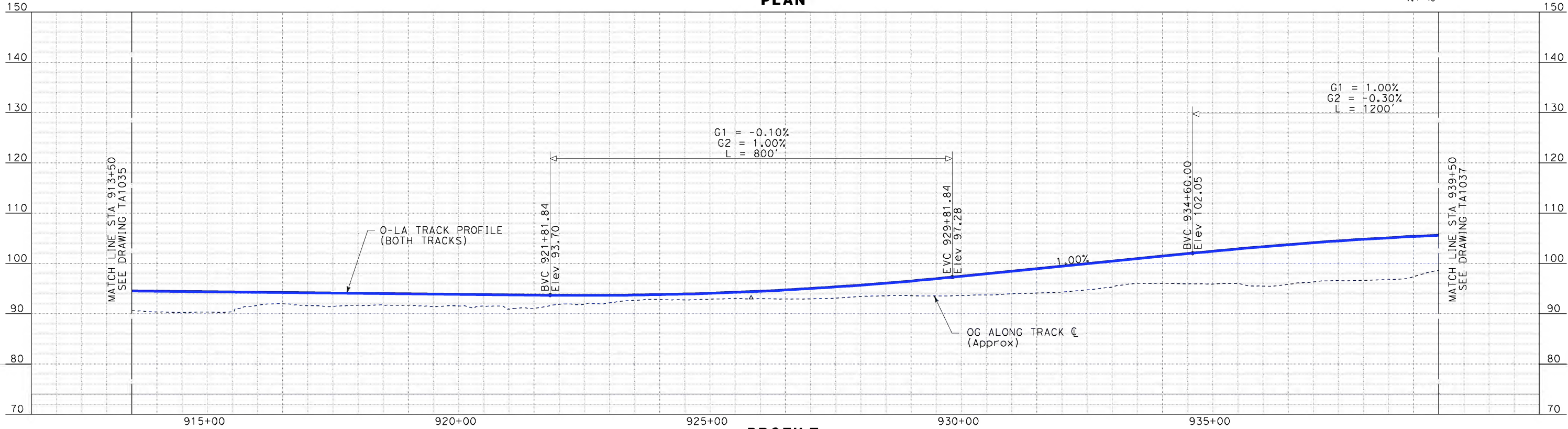
PLAN AND PROFILE  
STA 887+50 TO STA 913+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1035
SCALE AS SHOWN
SHEET NO.





PLAN



PROFILE

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REV	DATE	BY	SUB	APP	DESCRIPTION

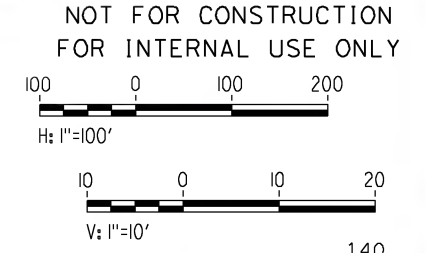
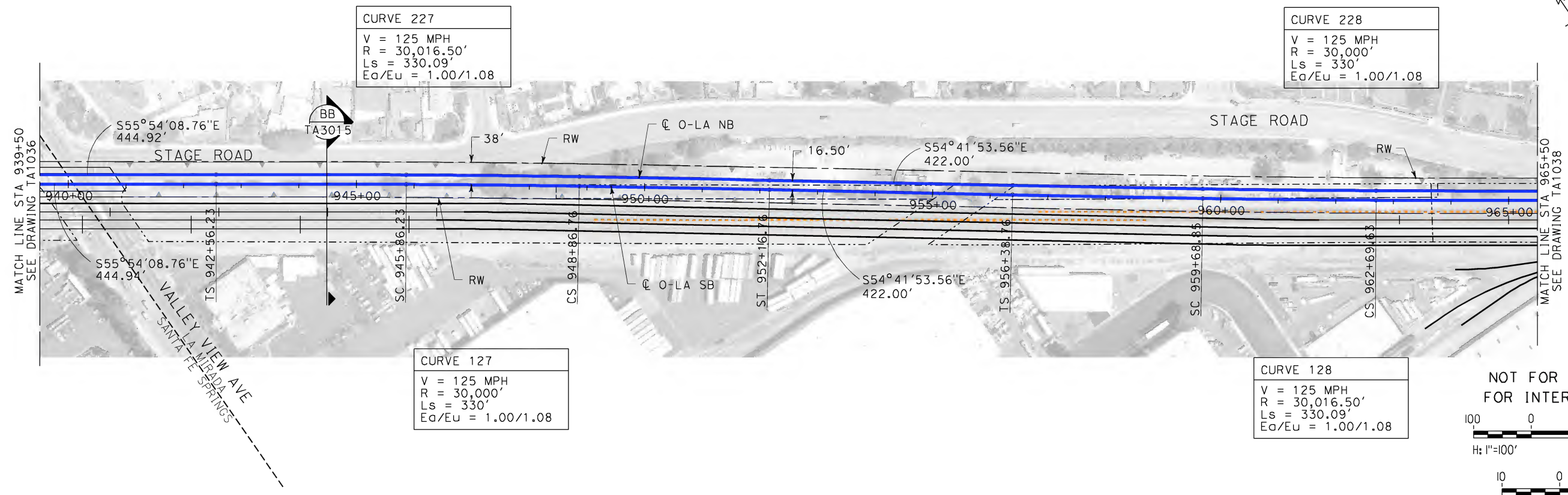
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



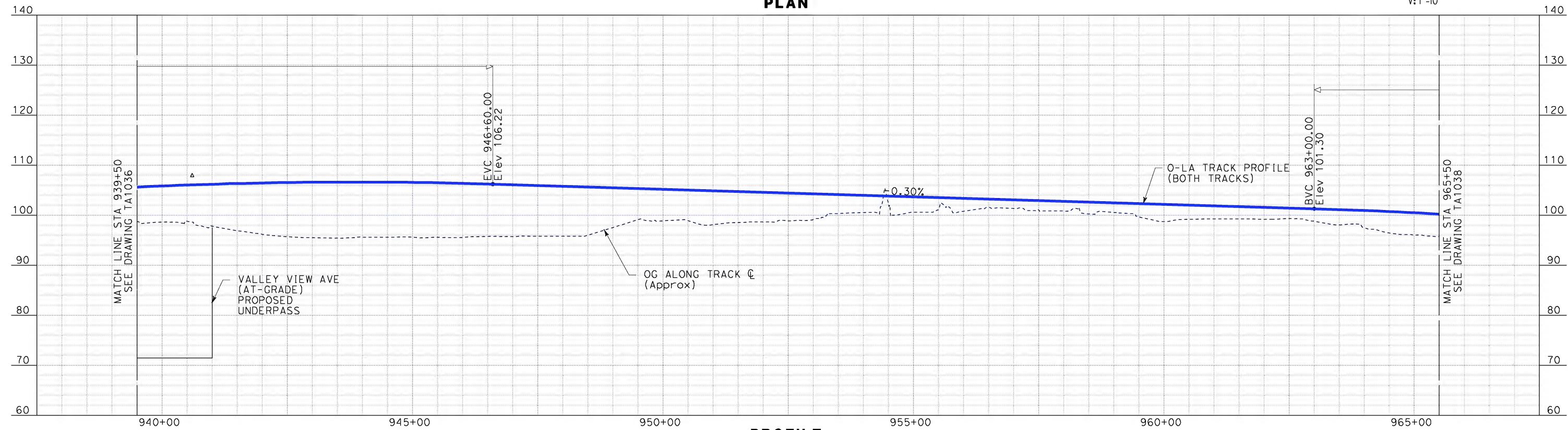
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
  
PLAN AND PROFILE  
STA 913+50 TO STA 939+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1036
SCALE AS SHOWN
SHEET NO.





PLAN



PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

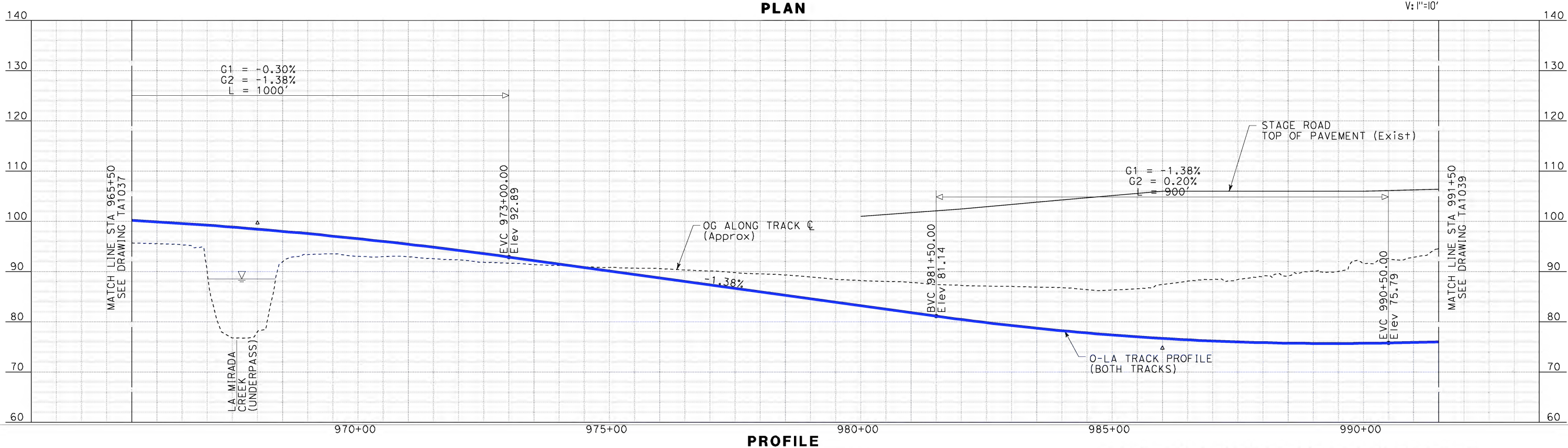
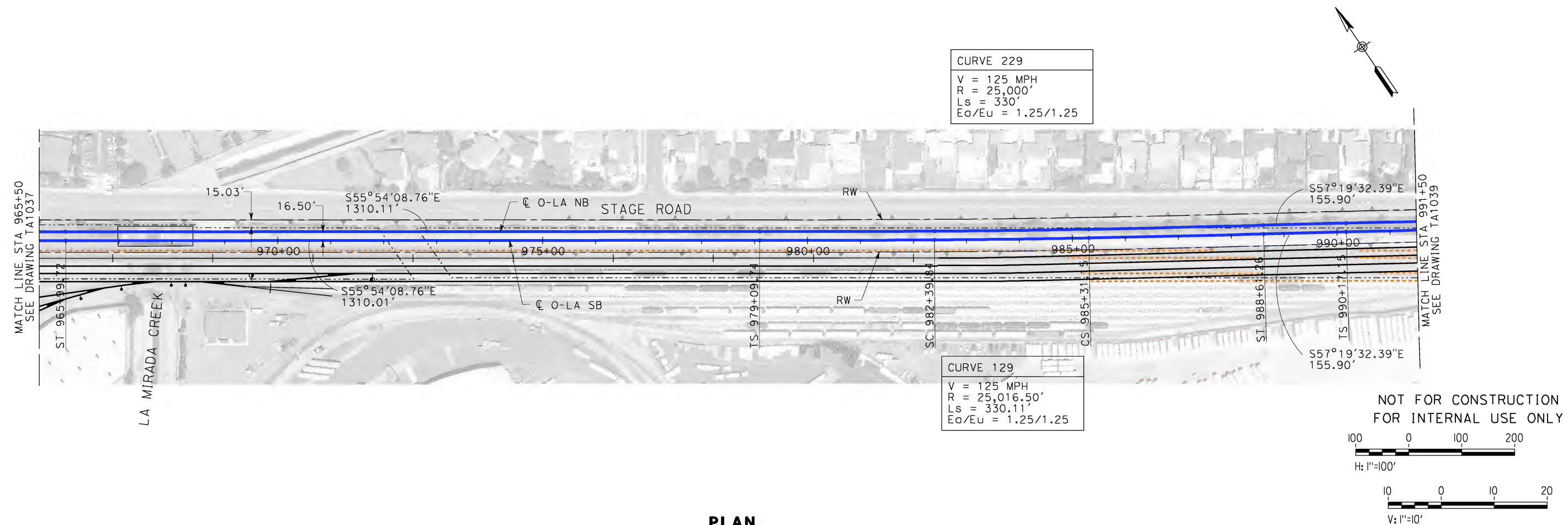
DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
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DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT  
  
PLAN AND PROFILE  
STA 939+50 TO STA 965+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1037
SCALE AS SHOWN
SHEET NO.



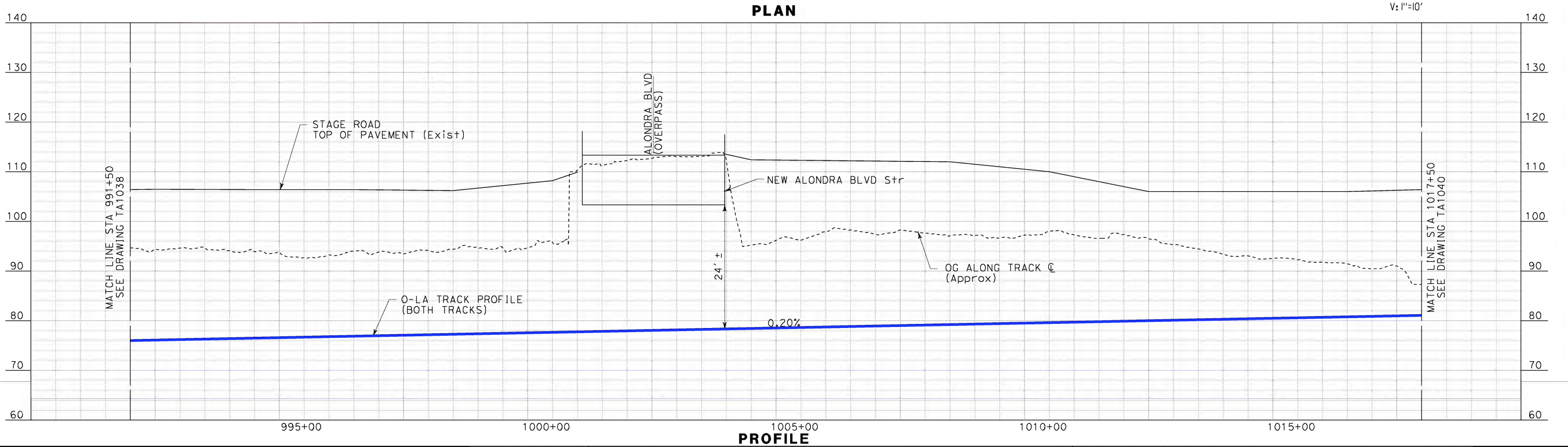
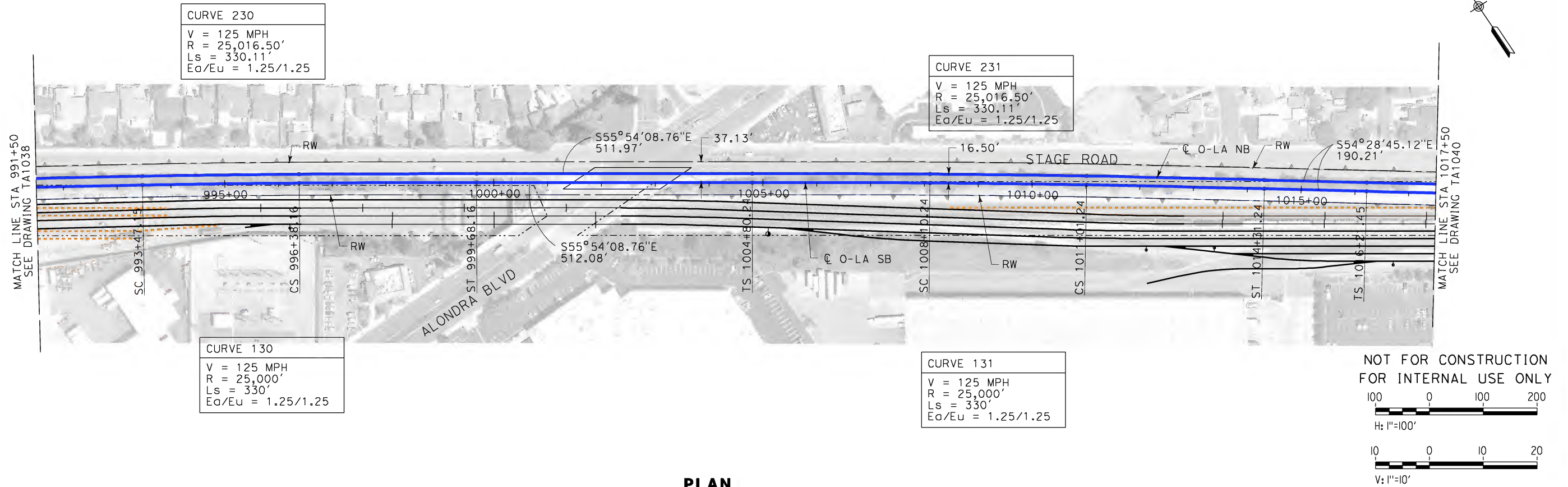


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<div>REV    DATE    BY    SUB    APP    DESCRIPTION</div>					<div>DESIGNED BY K. MCCULLOUGH</div> <div>DRAWN BY K. MCCULLOUGH</div> <div>CHECKED BY A. SOKOL</div> <div>IN CHARGE D. THOMSON</div> <div>DATE 12-22-09</div>	<div>STV Incorporated</div> <div>ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS 1055 WEST SEVENTH STREET, SUITE 3150 LOS ANGELES, CA 90017-2556</div>	<div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div> <div>FLY CALIFORNIA Without ever leaving the ground.</div>	<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT ORANGE COUNTY TO LOS ANGELES BASELINE ALIGNMENT</div> <div>PLAN AND PROFILE STA 965+50 TO STA 991+50</div>	<div>CONTRACT NO. HSR06-0005</div> <div>DRAWING NO. TA1038</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>
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IN CHARGE D. THOMSON
DATE 12-22-09

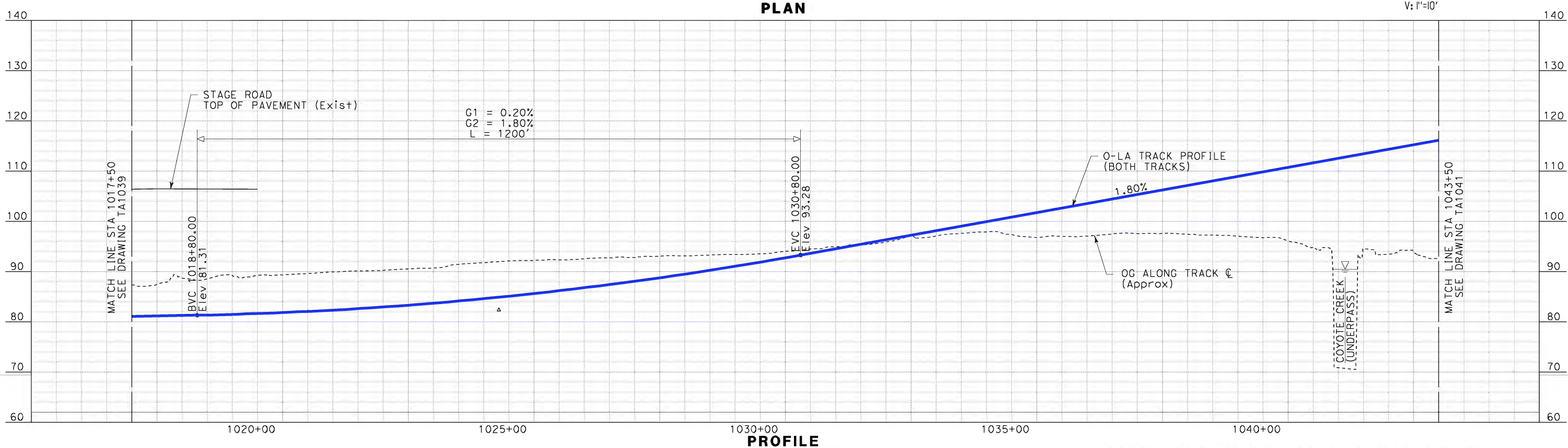
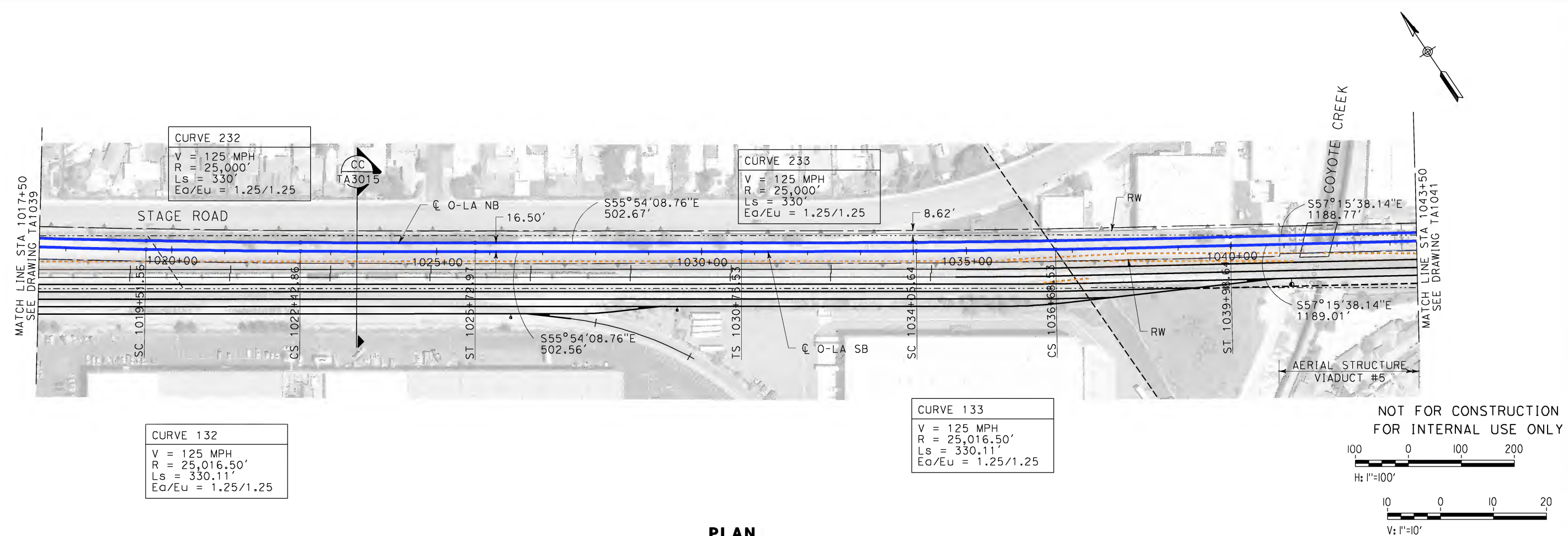


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 991+50 TO STA 1017+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1039
SCALE AS SHOWN
SHEET NO.

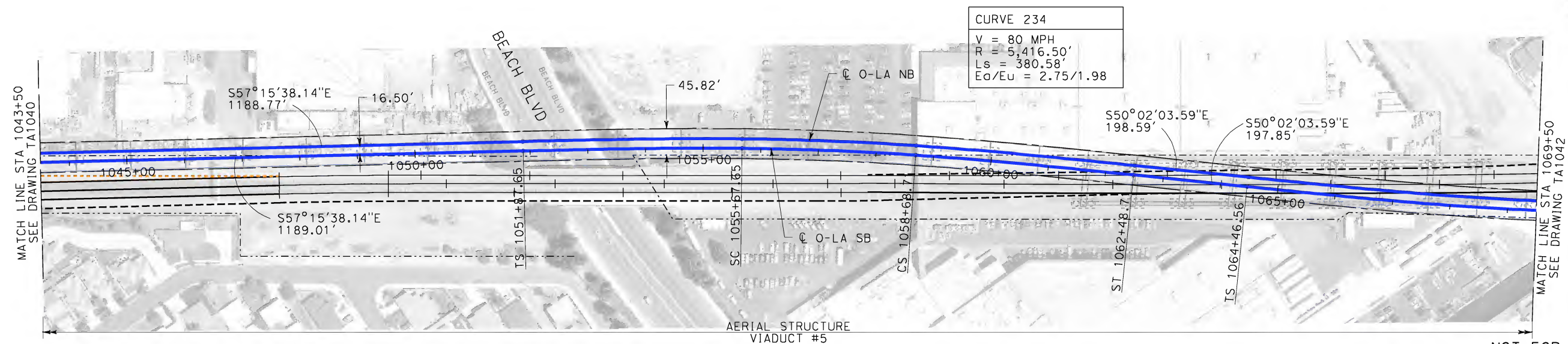




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<div>sperrykm</div>					<div>DESIGNED BY K. MCCULLOUGH</div> <div>DRAWN BY K. MCCULLOUGH</div> <div>CHECKED BY A. SOKOL</div> <div>IN CHARGE D. THOMSON</div> <div>DATE 12-22-09</div>		<div>STV Incorporated</div> <div>ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS</div> <div>1055 WEST SEVENTH STREET, SUITE 3150</div> <div>LOS ANGELES, CA 90017-2556</div>		<div></div> <div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div> <div>FLY CALIFORNIA</div> <div>Without ever leaving the ground.</div>		<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT</div> <div>ORANGE COUNTY TO LOS ANGELES</div> <div>BASELINE ALIGNMENT</div> <div>PLAN AND PROFILE</div> <div>STA 1017+50 TO STA 1043+50</div>		<div>CONTRACT NO. HSR06-0005</div> <div>DRAWING NO. TA1040</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>	
REV	DATE	BY	SUB	APP	DESCRIPTION									

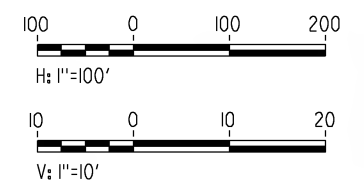




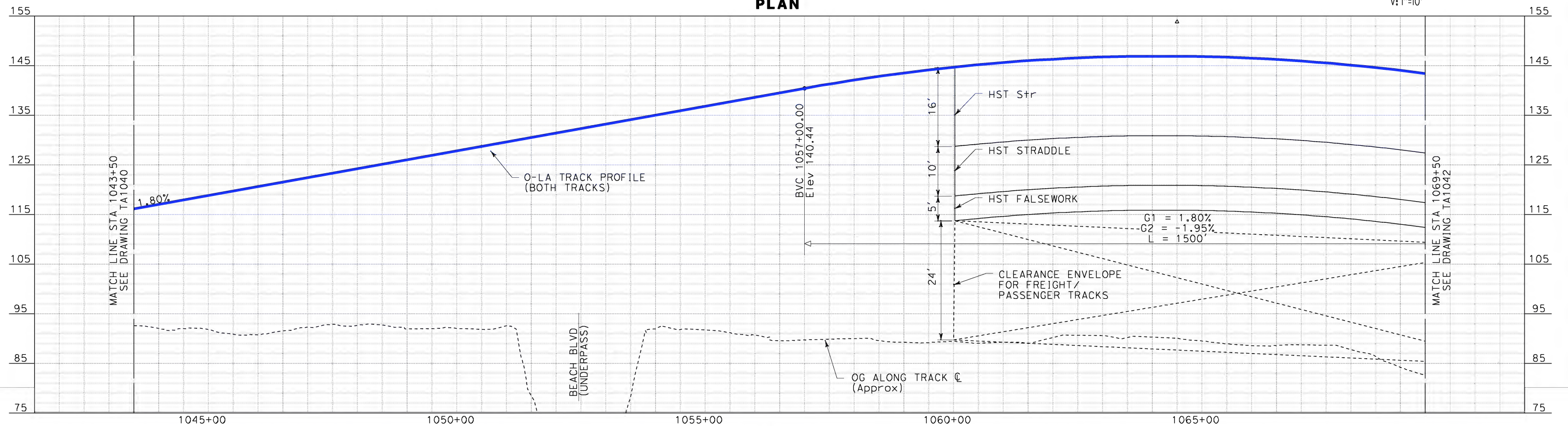
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Ls = 380'  
Ea/Eu = 2.75/1.99

CURVE 234  
V = 80 MPH  
R = 5,416.50'  
Ls = 380.58'  
Ea/Eu = 2.75/1.98

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PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
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IN CHARGE D. THOMSON
DATE 12-22-09



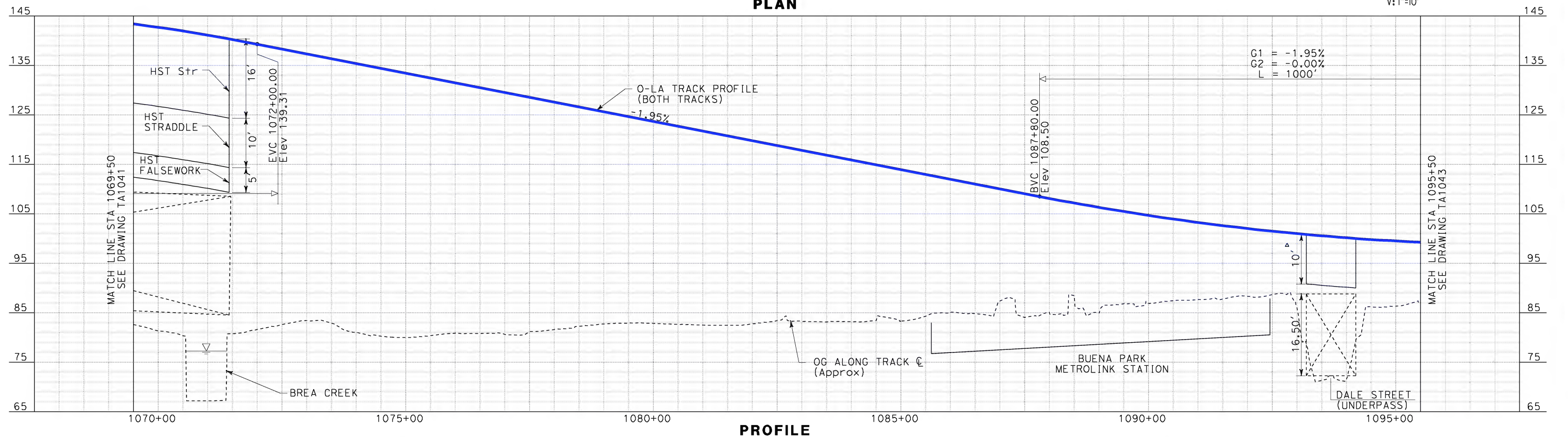
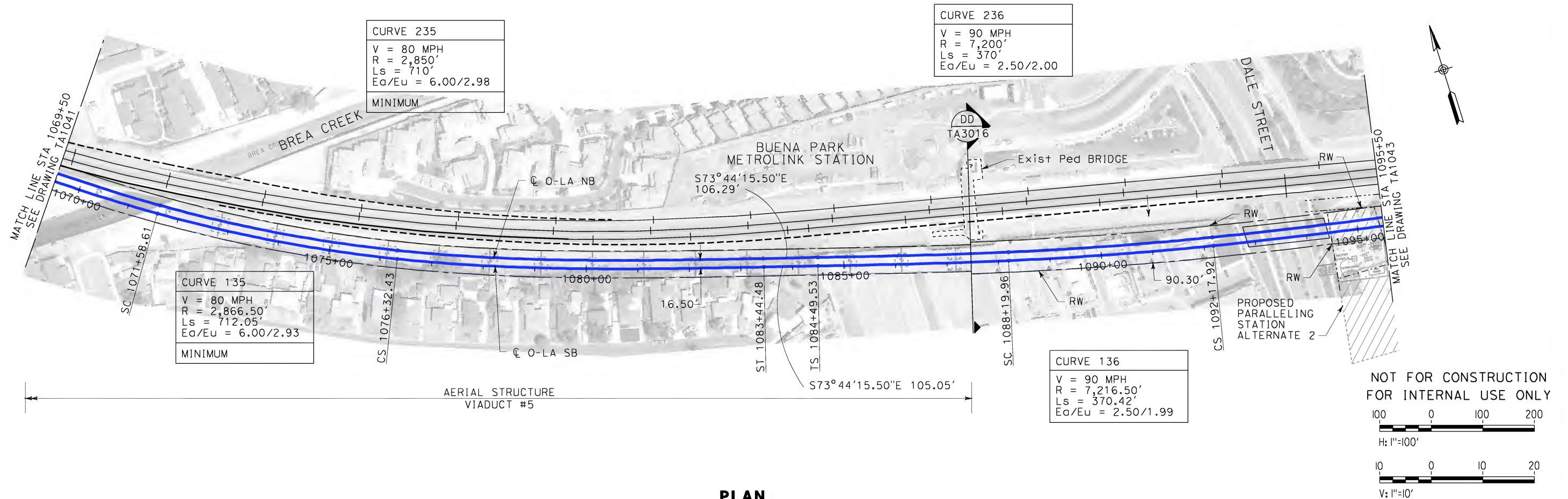
CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1043+50 TO STA 1069+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1041
SCALE AS SHOWN
SHEET NO.



12/22/2009 11:14:41 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1042.dgn



REV	DATE	BY	SUB	APP	DESCRIPTION

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IN CHARGE D. THOMSON
DATE 12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1069+50 TO STA 1095+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1042
SCALE AS SHOWN
SHEET NO.



12/22/2009 11:14:59 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1043.dgn

SPERRY

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
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IN CHARGE D. THOMSON
DATE 12-22-09



**STV Incorporated**  
ENGINEERS/ARCHITECTS/PLANNERS/CONSTRUCTION MANAGERS  
1055 WEST SEVENTH STREET, SUITE 3150  
LOS ANGELES, CA 90017-2556

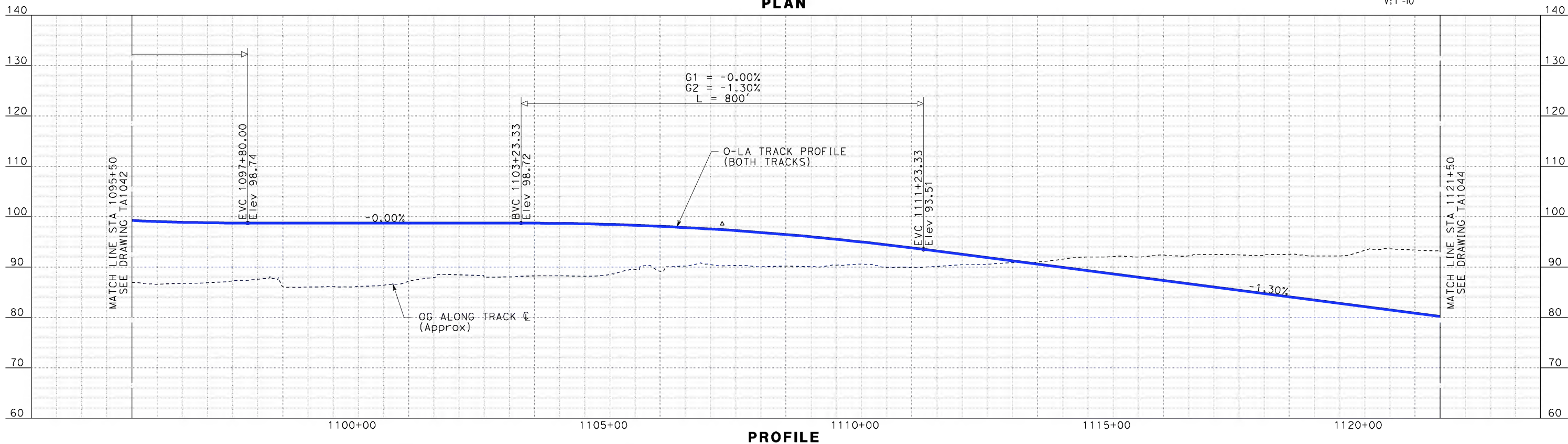
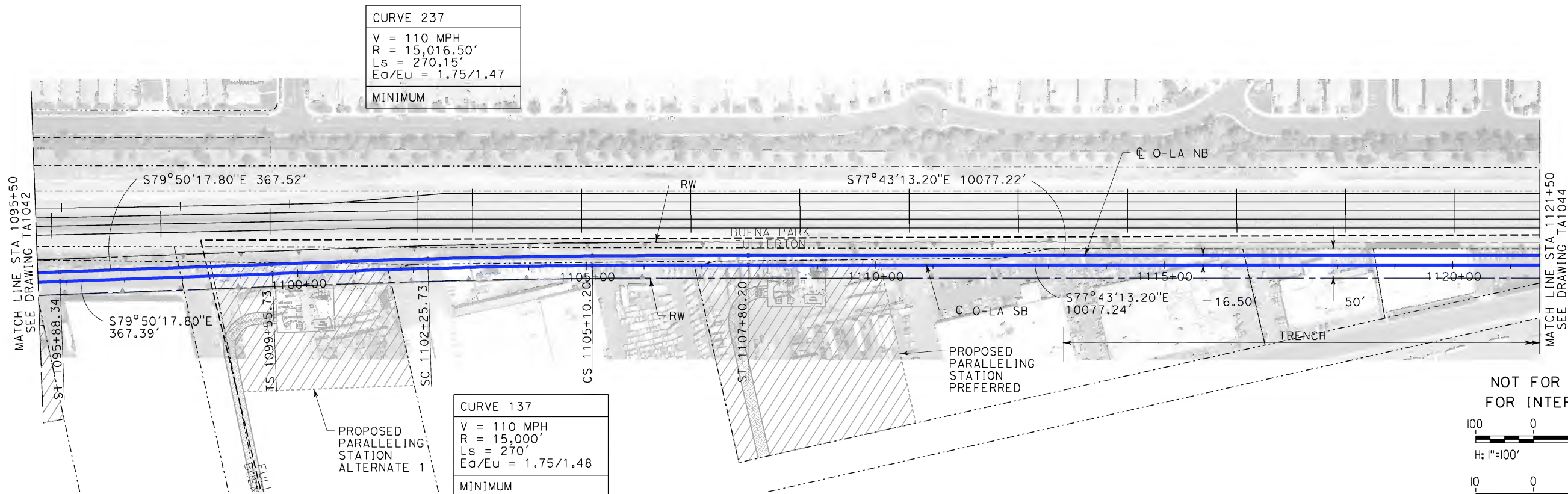


CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
**FLY CALIFORNIA**  
Without ever leaving the ground.

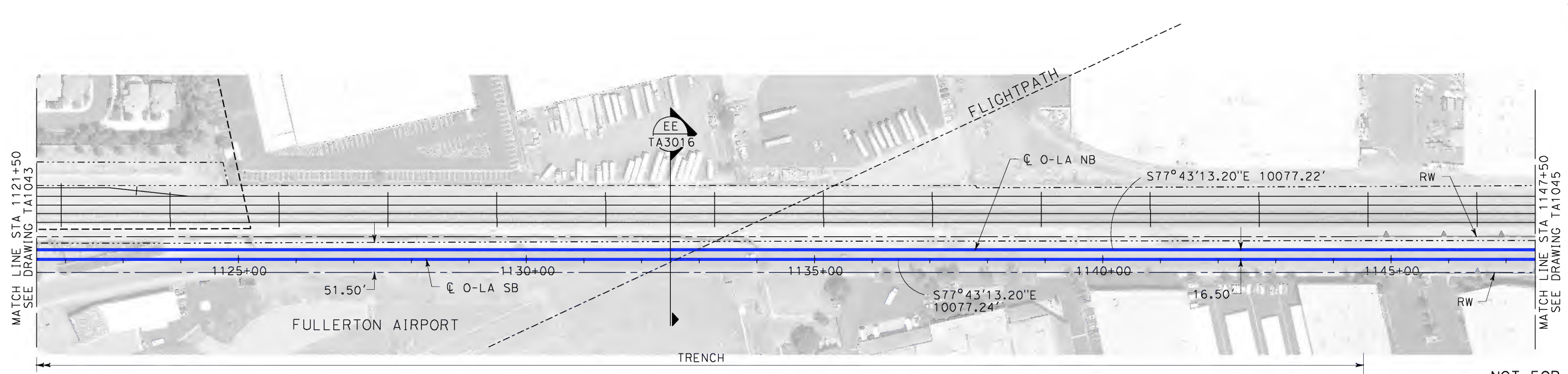
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1095+50 TO STA 1121+50

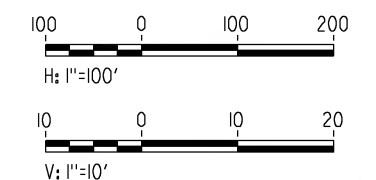
CONTRACT NO. HSR06-0005
DRAWING NO. TA1043
SCALE AS SHOWN
SHEET NO.



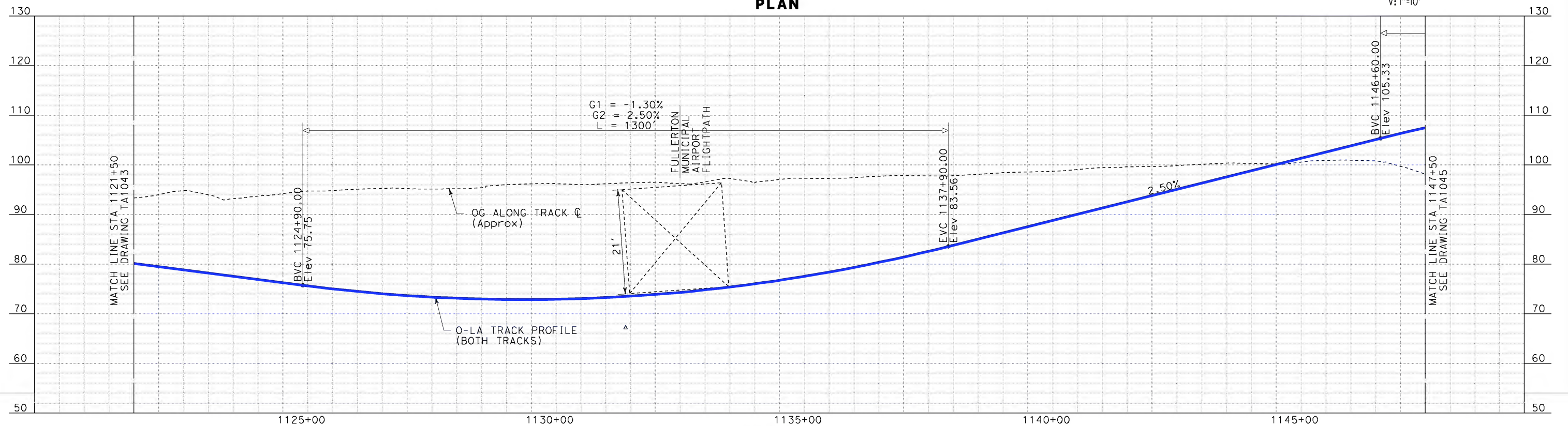




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PLAN



PROFILE

12/22/2009 11:15:17 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1044.dgn

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
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CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09



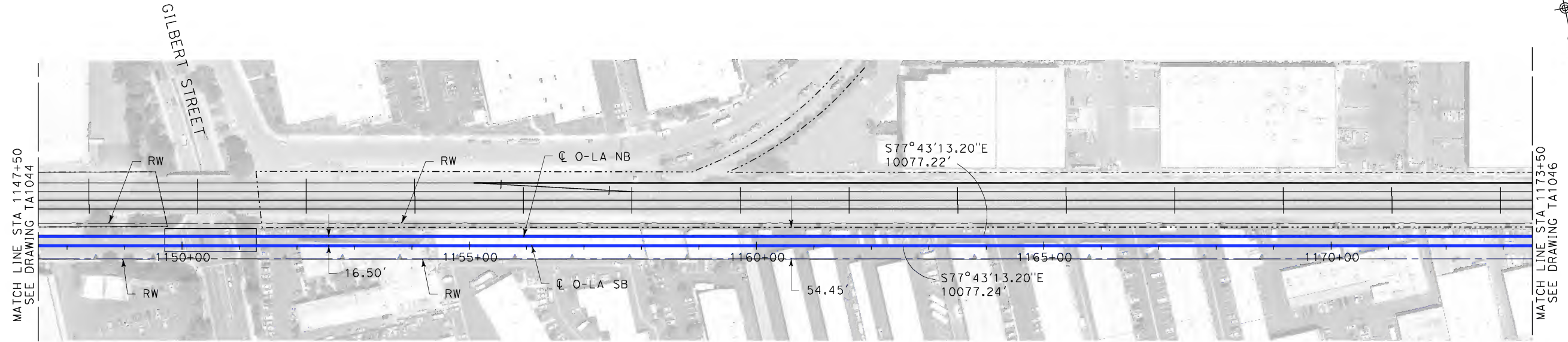
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1121+50 TO STA 1147+50

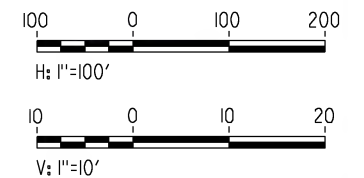
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DRAWING NO. TA1044
SCALE AS SHOWN
SHEET NO.



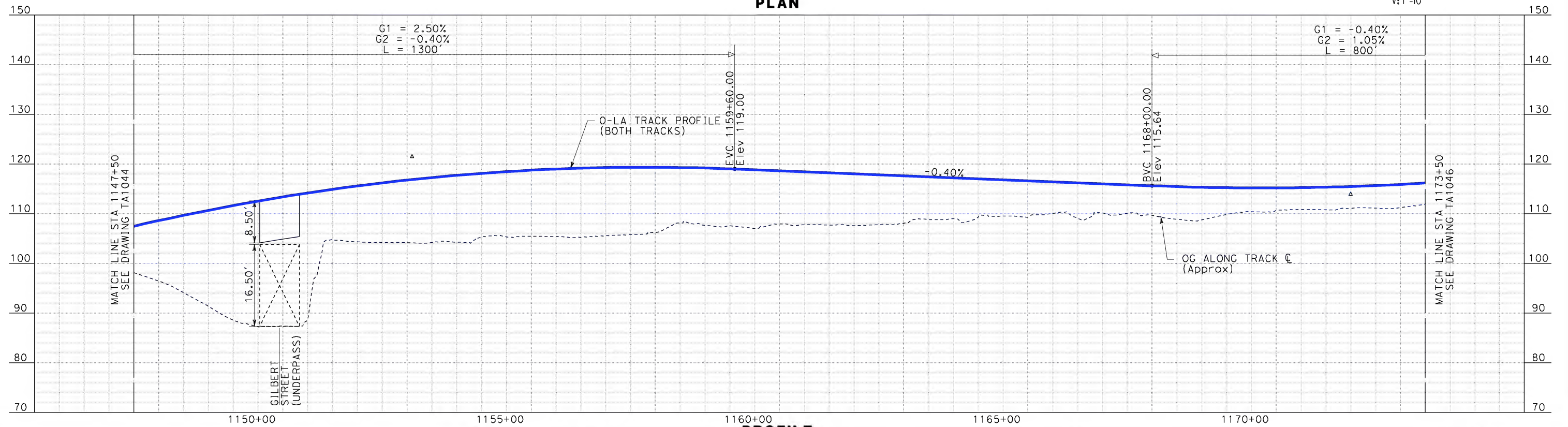
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DATE 12-22-09

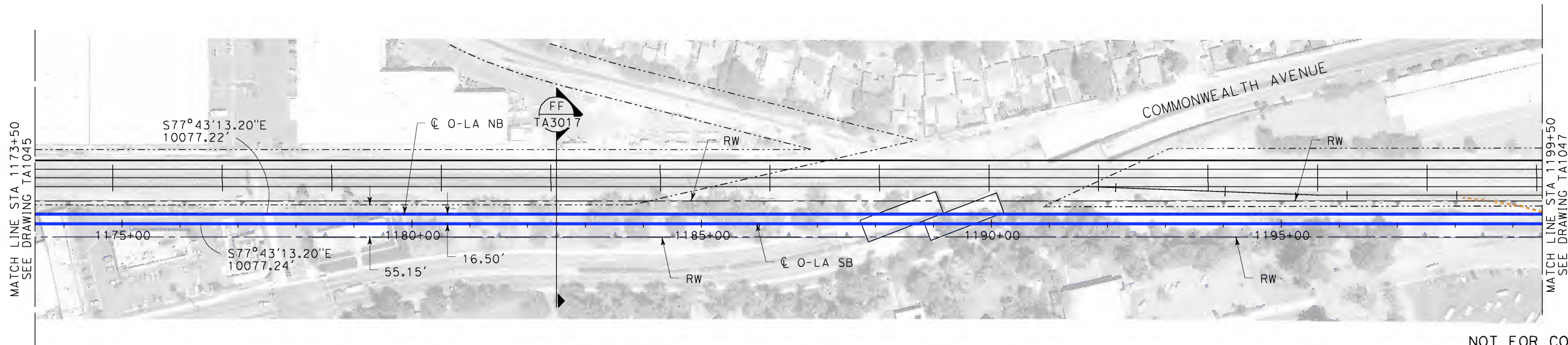


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1147+50 TO STA 1173+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1045
SCALE AS SHOWN
SHEET NO.



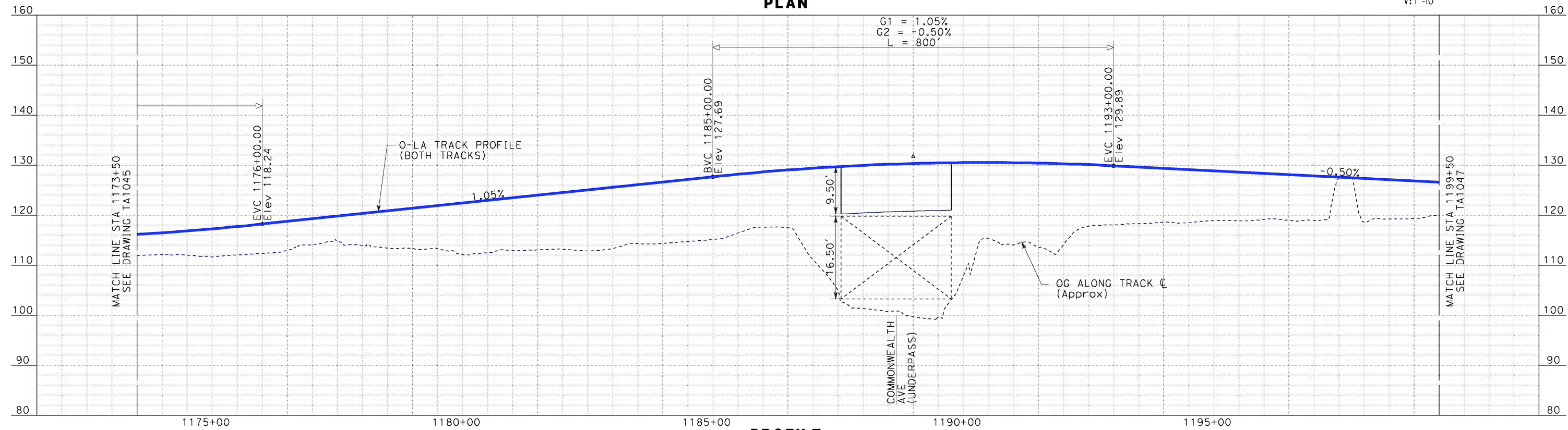


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100 0 100 200  
H: 1"=100'

10 0 10 20  
V: 1"=10'

PLAN



PROFILE

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REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY K. MCCULLOUGH
DRAWN BY K. MCCULLOUGH
CHECKED BY A. SOKOL
IN CHARGE D. THOMSON
DATE 12-22-09

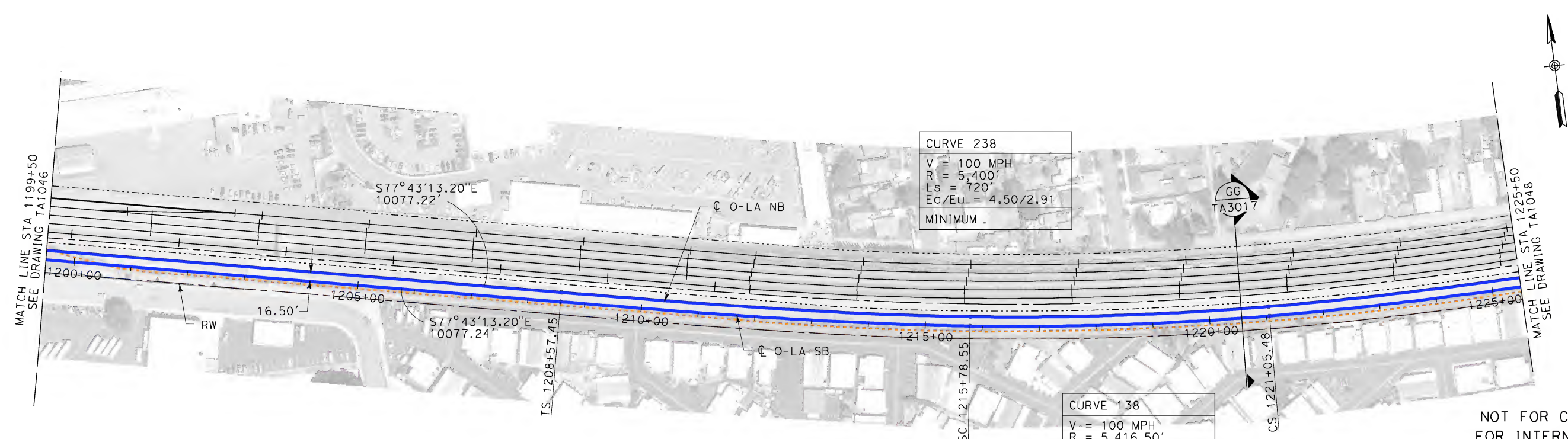


**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

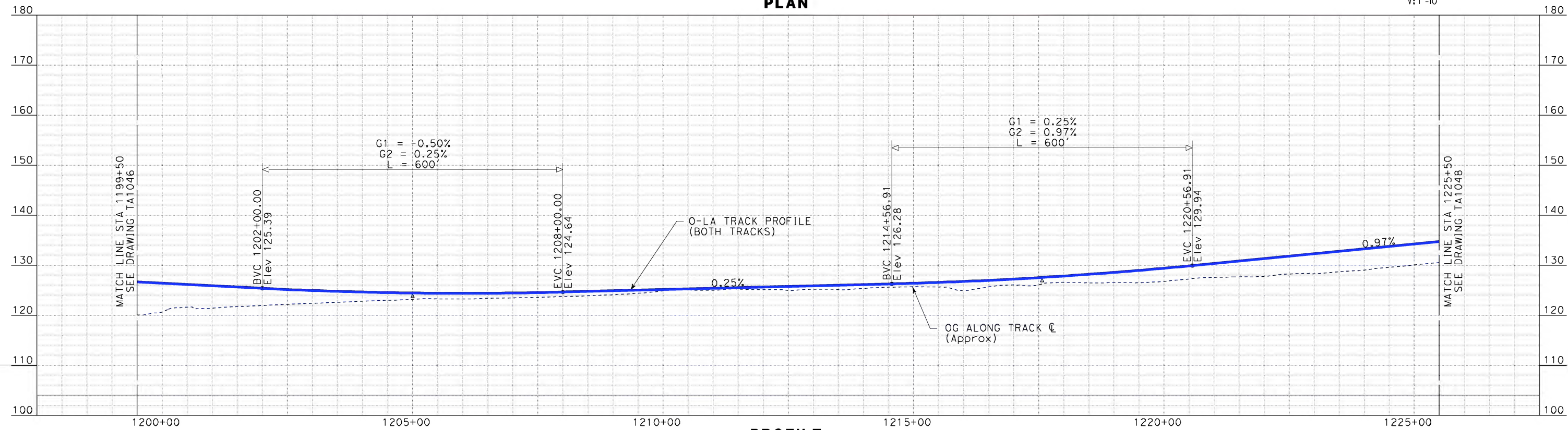
PLAN AND PROFILE  
STA 1173+50 TO STA 1199+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1046
SCALE AS SHOWN
SHEET NO.





PLAN



PROFILE

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H: 1"=100'

10 0 10 20  
V: 1"=10'

12/22/2009 11:16:12 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1047.dgn

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY  
K. MCCULLOUGH

DRAWN BY  
K. MCCULLOUGH

CHECKED BY  
A. SOKOL

IN CHARGE  
D. THOMSON

DATE  
12-22-09



**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1199+50 TO STA 1225+50

CONTRACT NO.  
HSR06-0005

DRAWING NO.  
TA1047

SCALE  
AS SHOWN

SHEET NO.





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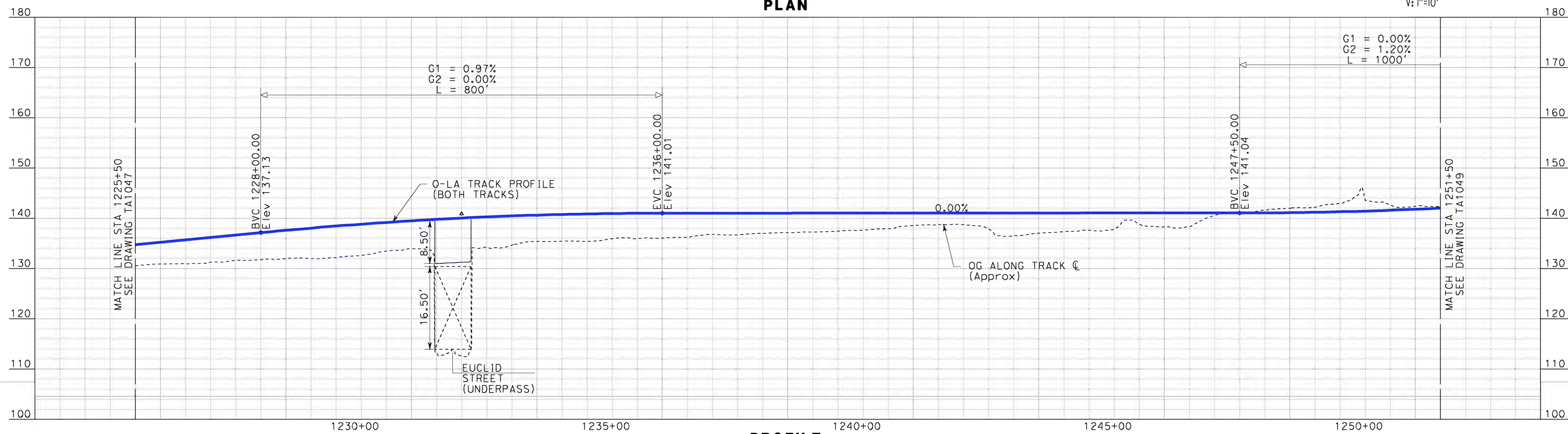
100 0 100 200

H: 1"=100'

10 0 10 20

V: 1"=10'

PLAN



PROFILE

DESIGNED BY	K. MCCULLOUGH
DRAWN BY	K. MCCULLOUGH
CHECKED BY	A. SOKOL
IN CHARGE	D. THOMSON
DATE	12-22-09



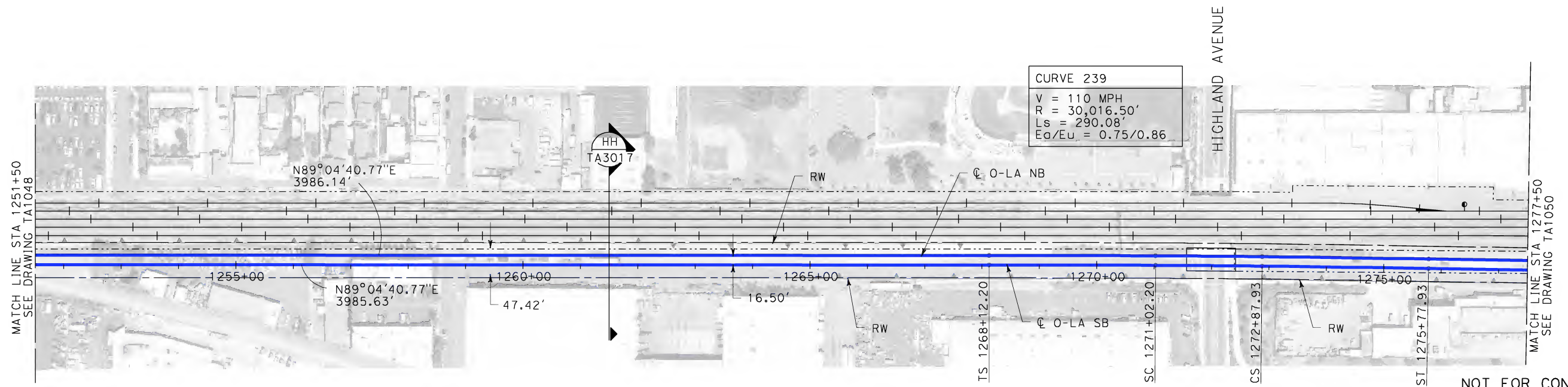
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1225+50 TO STA 1251+50

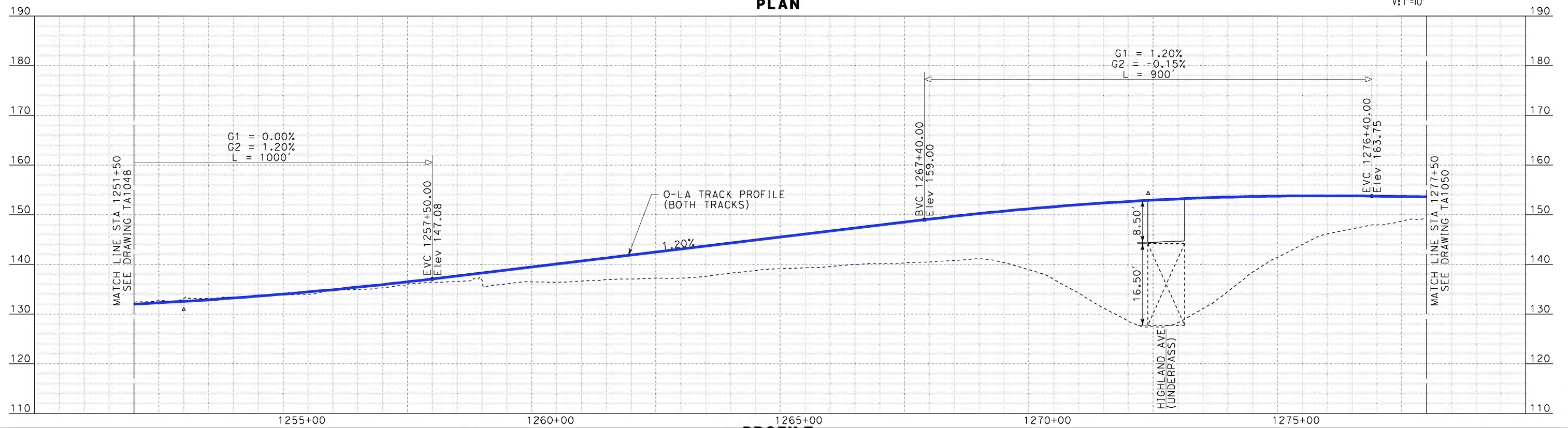
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PLAN



PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

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**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

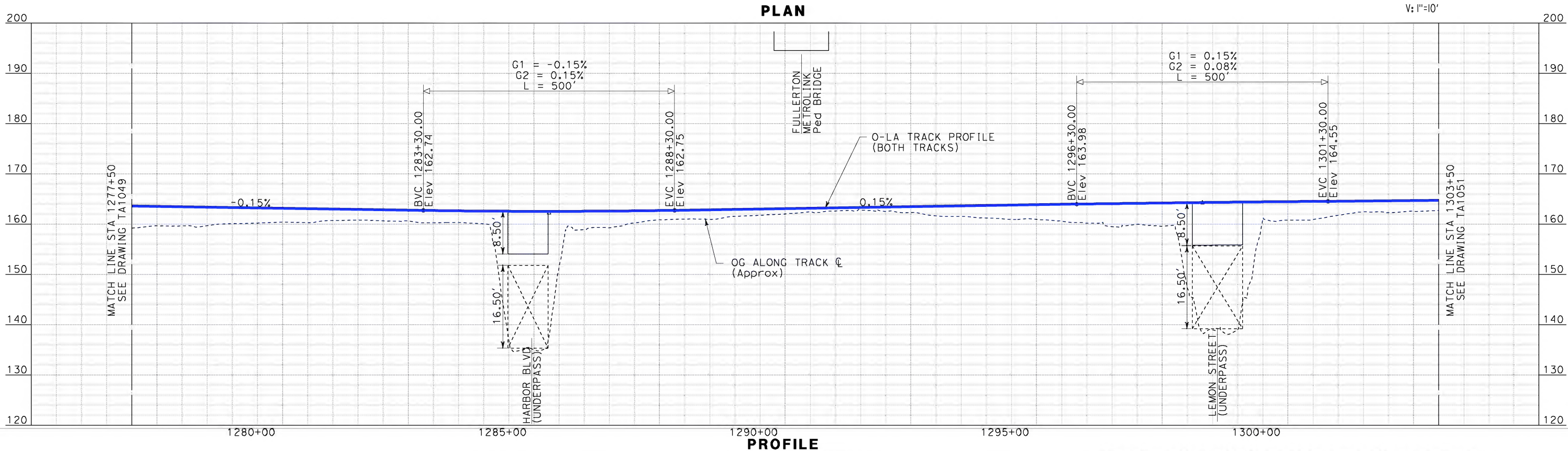
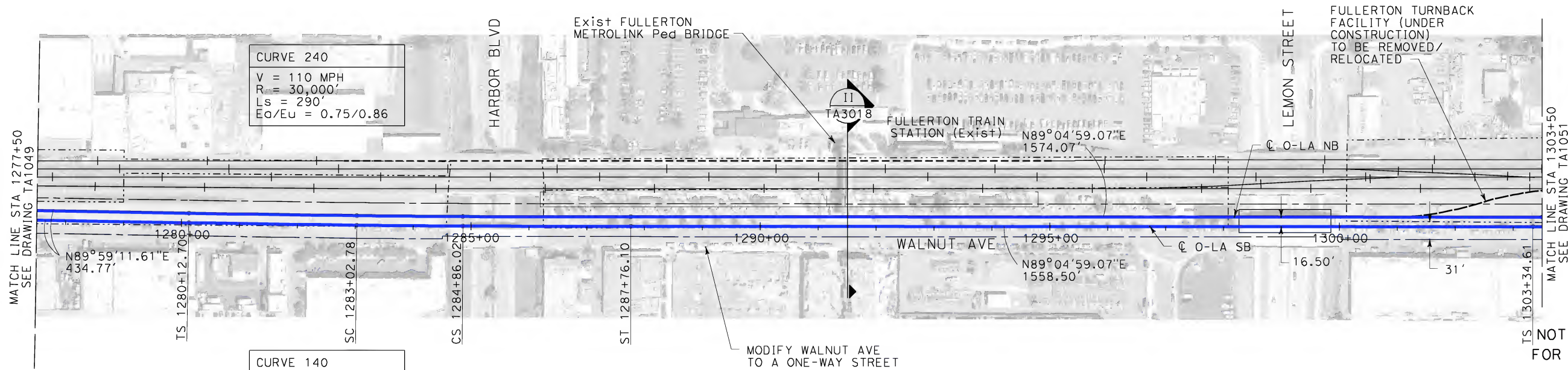
PLAN AND PROFILE  
STA 1251+50 TO STA 1277+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1049
SCALE AS SHOWN
SHEET NO.



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SPERRY



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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**FLY CALIFORNIA**

Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT**

**ORANGE COUNTY TO LOS ANGELES**

BASELINE ALIGNMENT

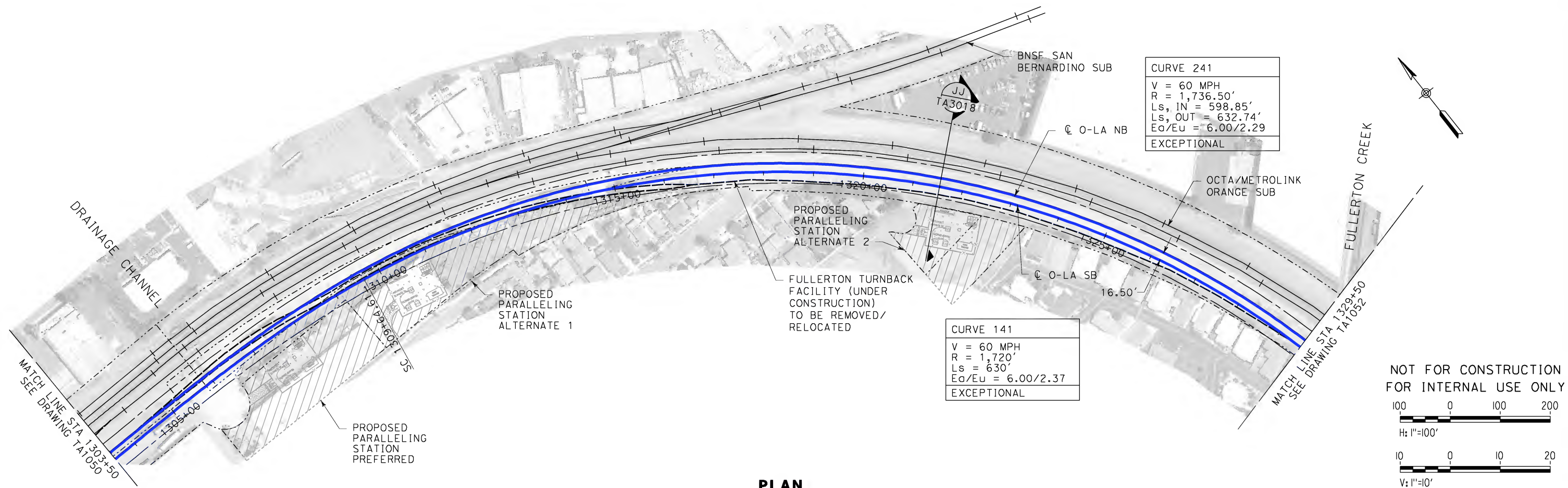
PLAN AND PROFILE  
STA 1277+50 TO STA 1303+50

CONTRACT NO. HSR06-0005
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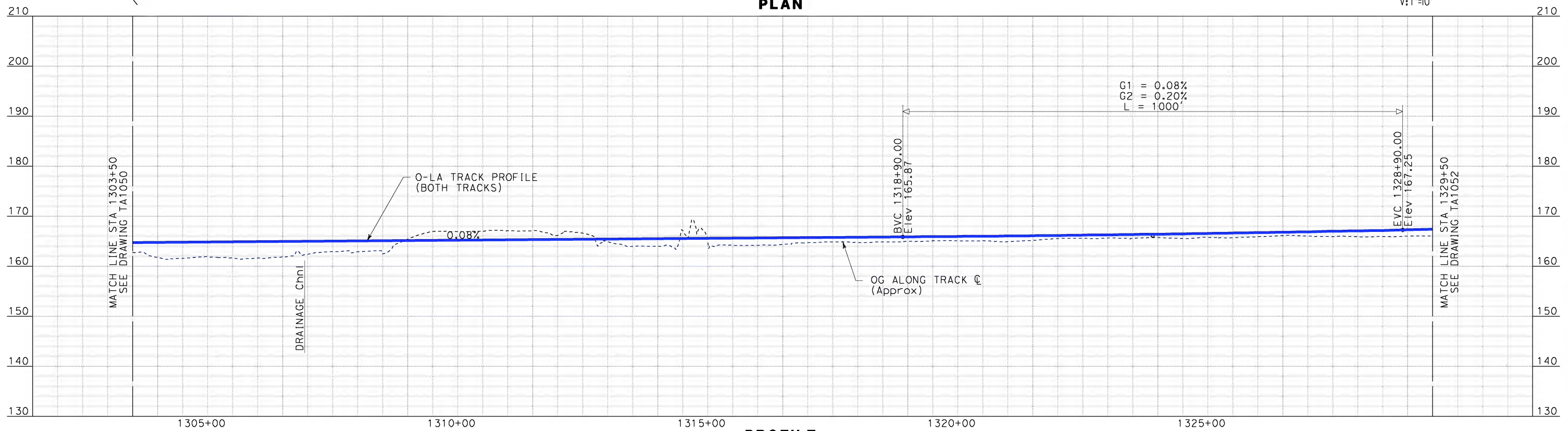


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SPERRYKIM



PLAN



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CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
**FLY CALIFORNIA**  
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

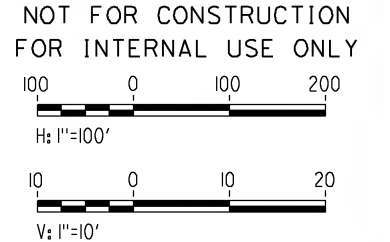
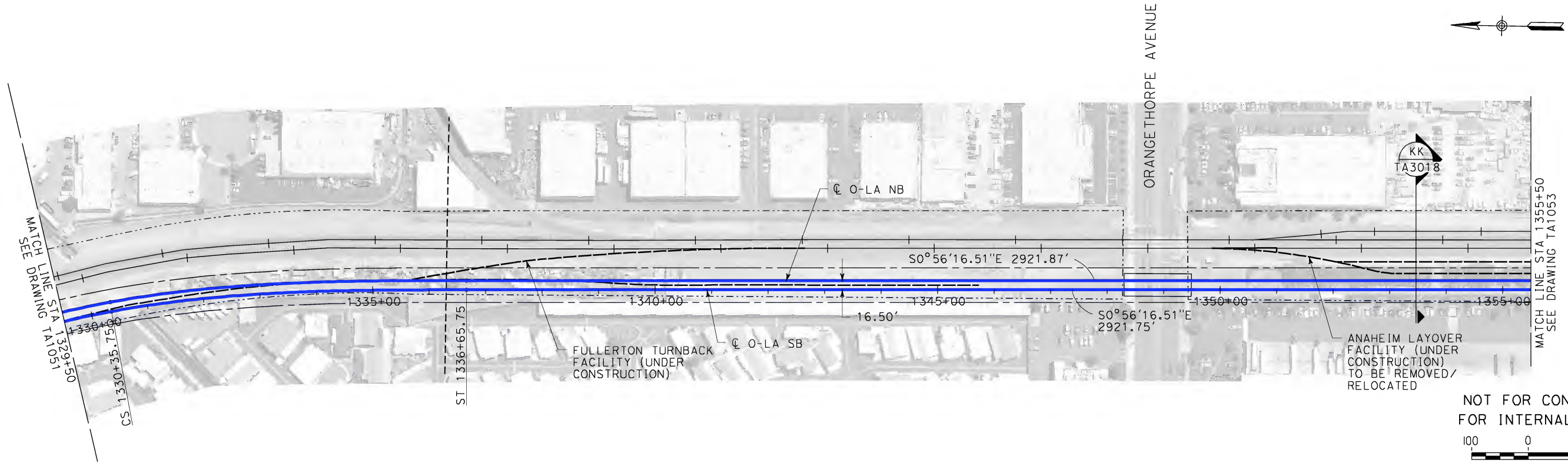
PLAN AND PROFILE  
STA 1303+50 TO STA 1329+50

CONTRACT NO. HSR06-0005
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SHEET NO.

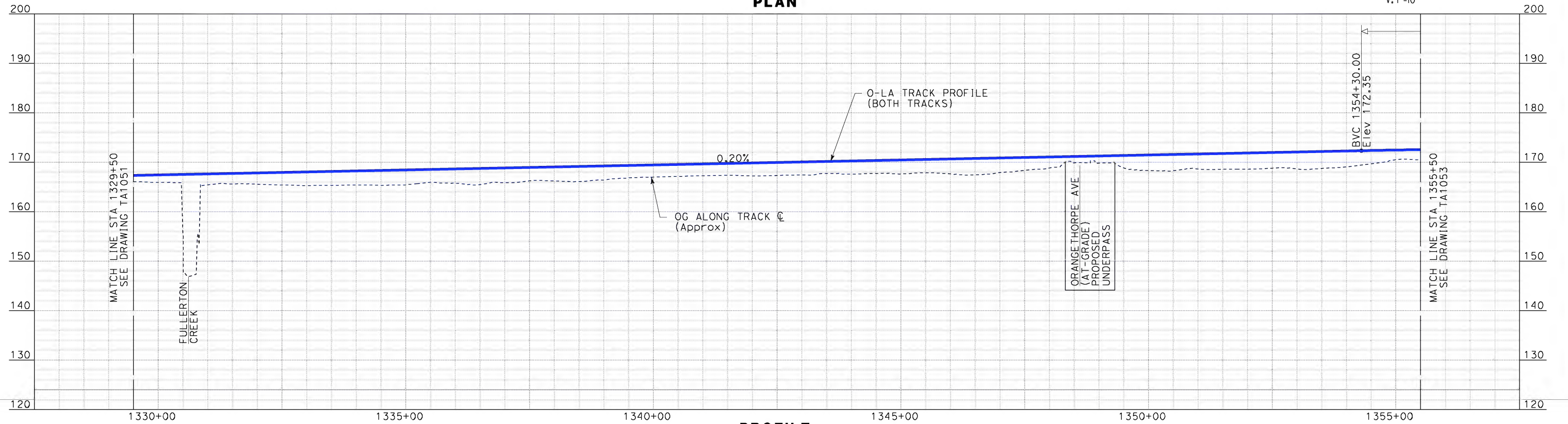


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SPERRYKM



PLAN



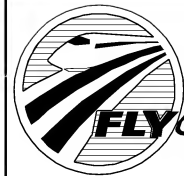
PROFILE

REV	DATE	BY	SUB	APP	DESCRIPTION

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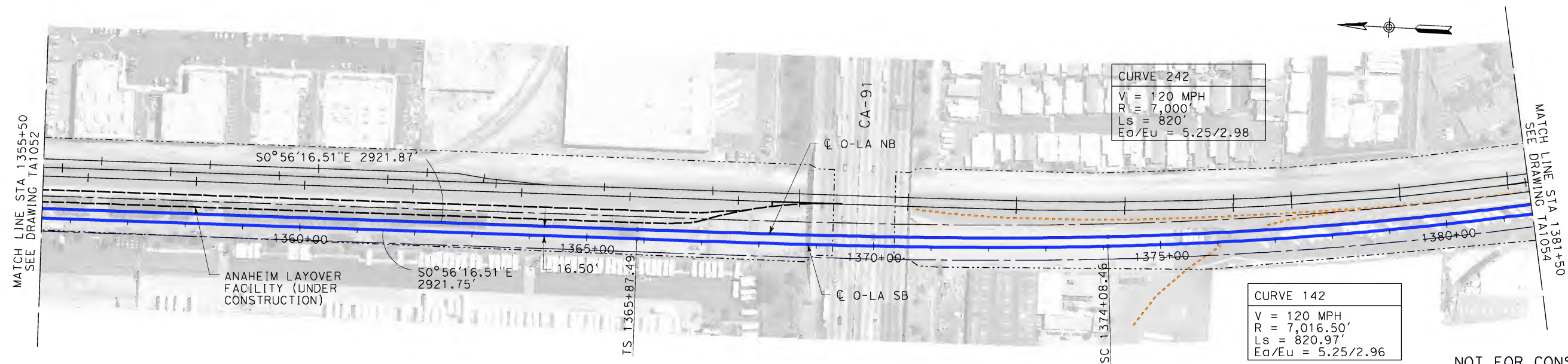
CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
**FLY CALIFORNIA**  
Without ever leaving the ground.

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

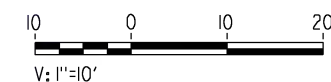
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STA 1329+50 TO STA 1355+50

CONTRACT NO. HSR06-0005
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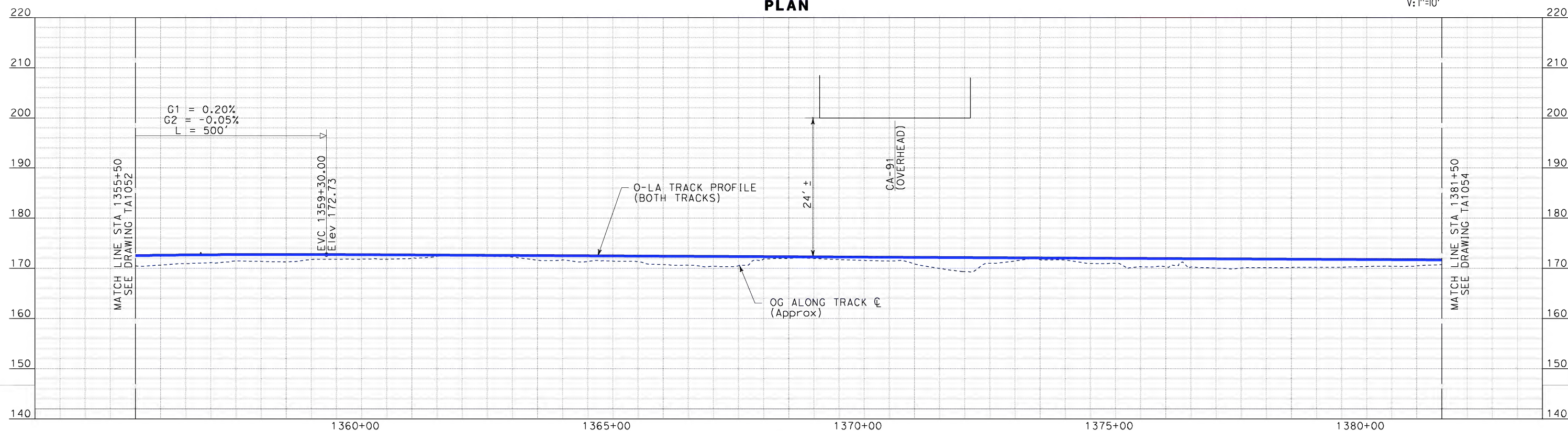




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# PLAN



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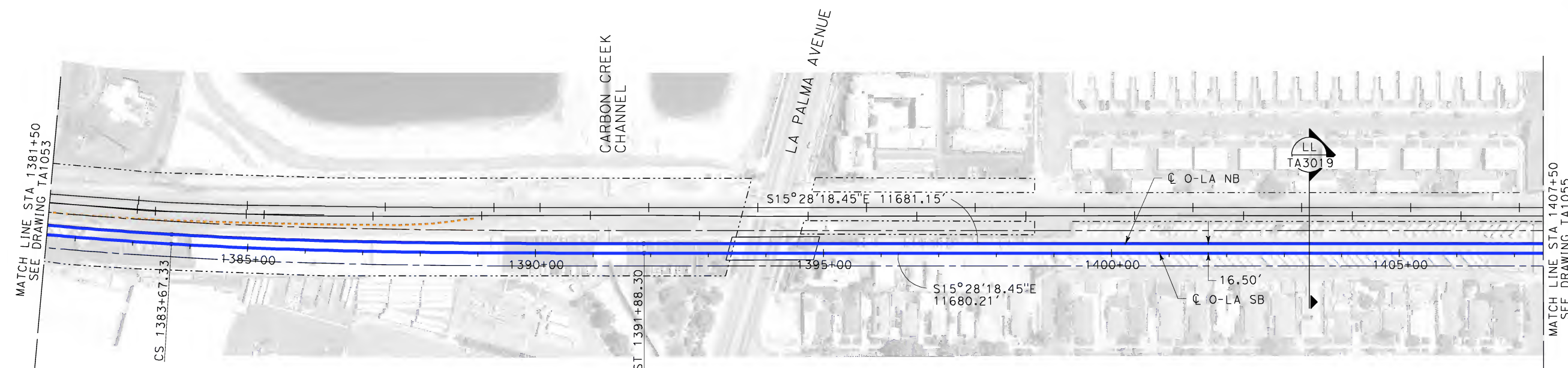
**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
 BASELINE ALIGNMENT

PLAN AND PROFILE  
 STA 1355+50 TO STA 1381+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1053
SCALE AS SHOWN
SHEET NO.

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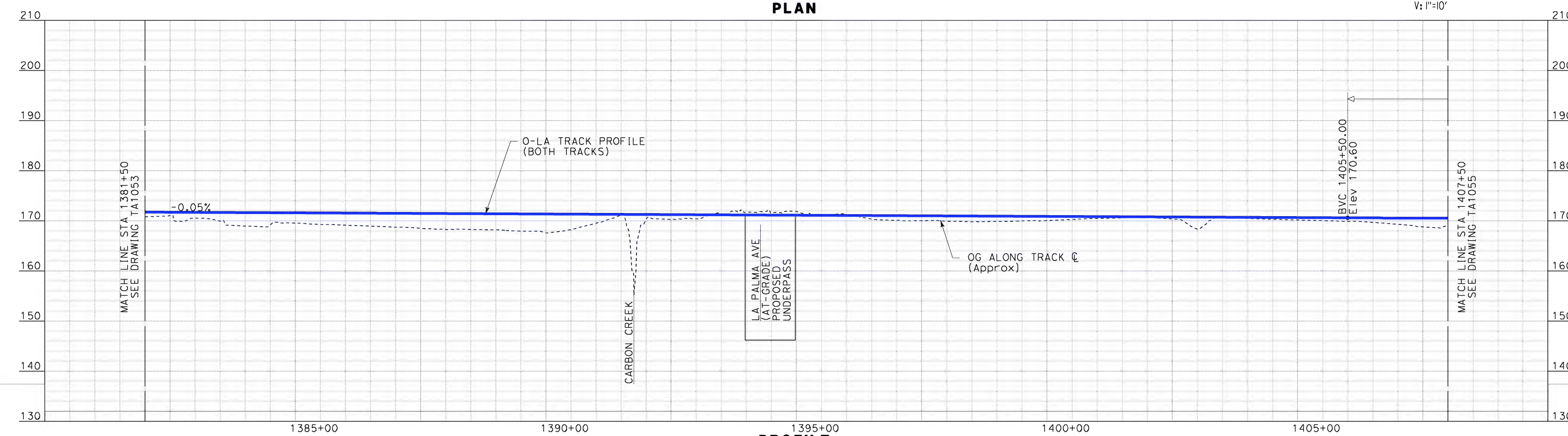


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H: 1"=100'

V: 1"=10'

PLAN



PROFILE

12/22/2009 11:18:17 AM I:\projects\4013179\4013179\_0001\Drawings\TRA\DLV\Plan-Profile\LO-TA-1054.dgn

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT**  
**ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

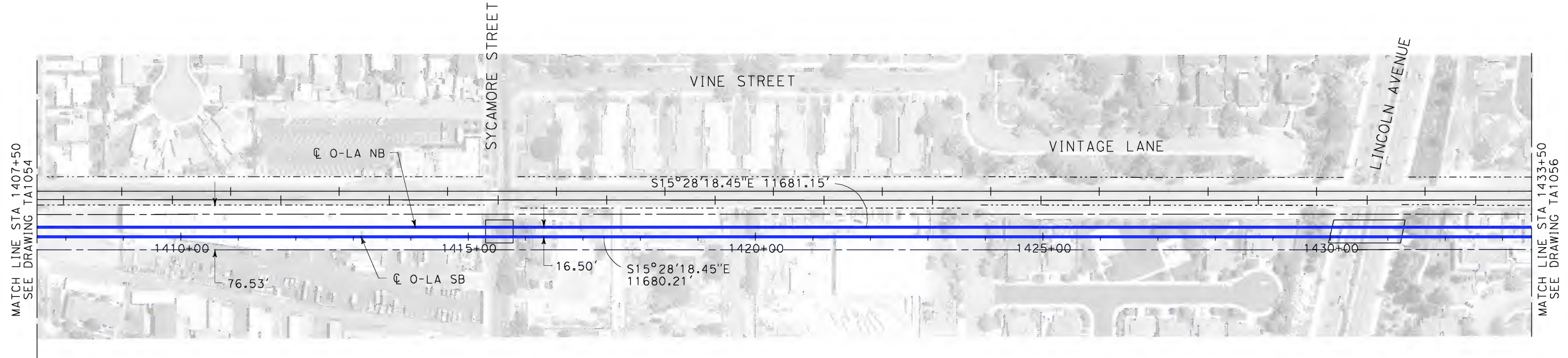
PLAN AND PROFILE  
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CONTRACT NO. HSR06-0005
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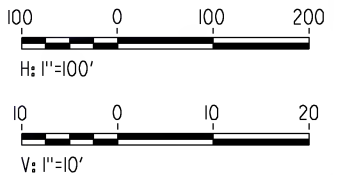


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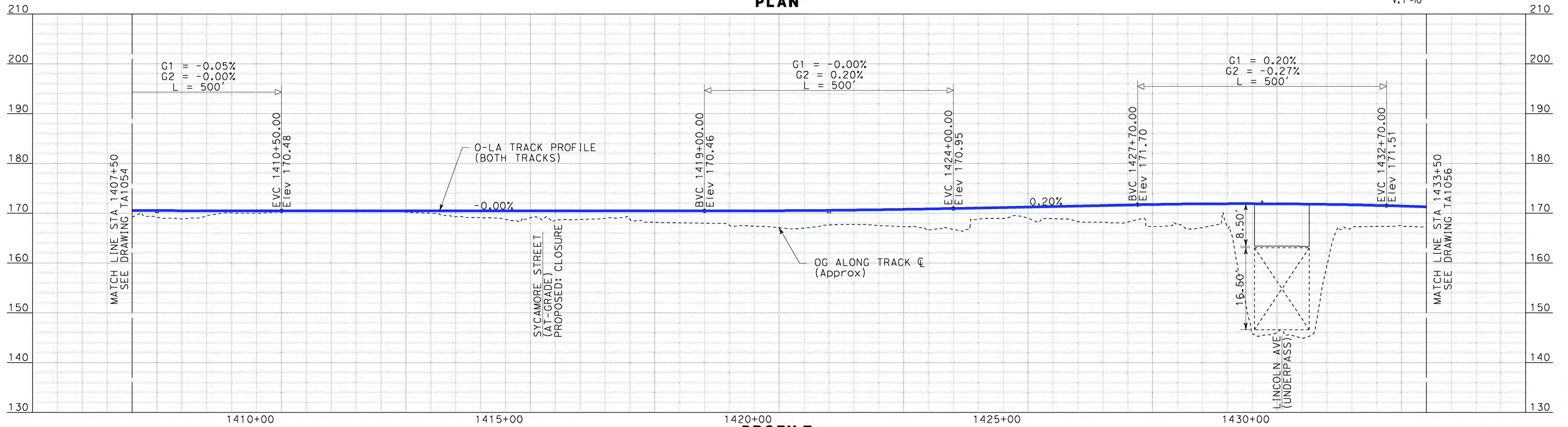
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LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED RAIL AUTHORITY  
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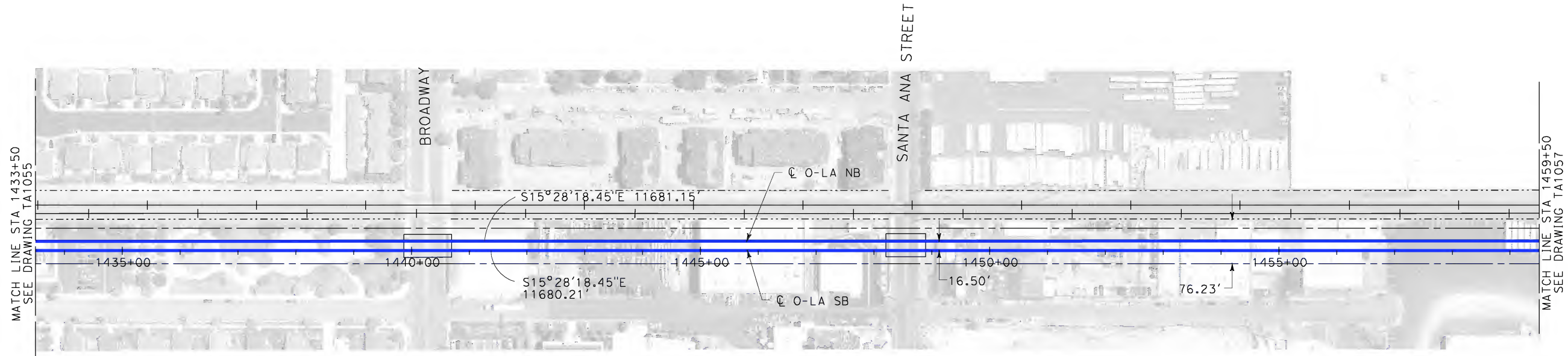
**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1407+50 TO STA 1433+50

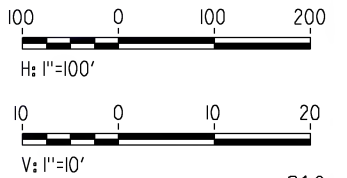
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DRAWING NO. TA1055
SCALE AS SHOWN
SHEET NO.



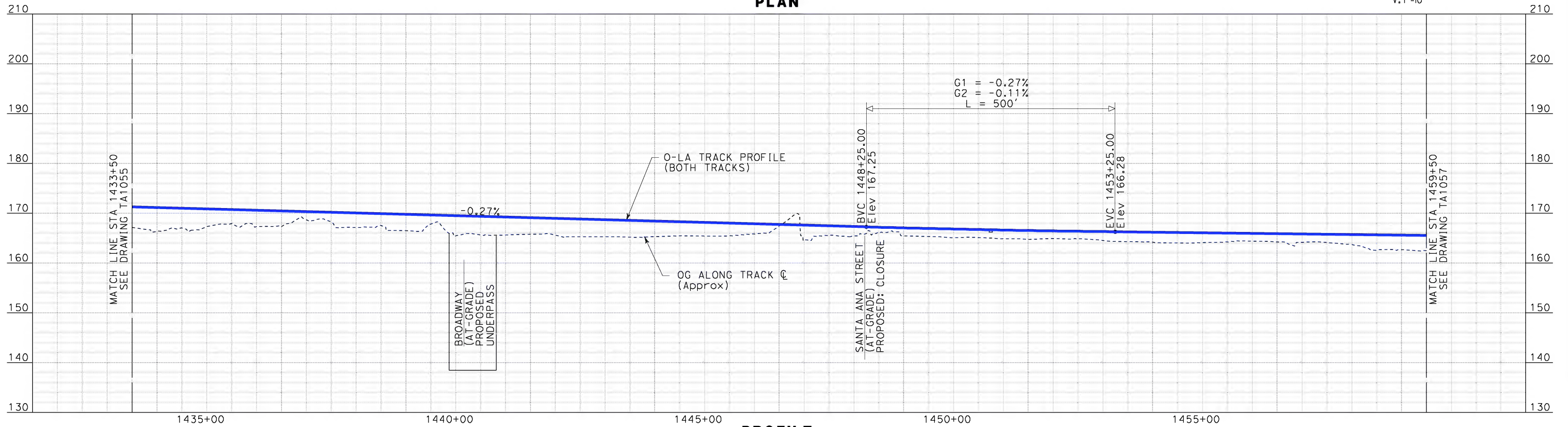
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LOS ANGELES, CA 90017-2556



CALIFORNIA HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES**  
BASELINE ALIGNMENT

PLAN AND PROFILE  
STA 1433+50 TO STA 1459+50

CONTRACT NO. HSR06-0005
DRAWING NO. TA1056
SCALE AS SHOWN
SHEET NO.



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SPERRY

REV DATE BY SUB APP DESCRIPTION

DESIGNED BY  
K. MCCULLOUGH

DRAWN BY  
K. MCCULLOUGH

CHECKED BY  
A. SOKOL

IN CHARGE  
D. THOMSON

DATE  
12-22-09

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LOS ANGELES, CA 90017-2556

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CALIFORNIA HIGH-SPEED TRAIN PROJECT  
ORANGE COUNTY TO LOS ANGELES  
BASELINE ALIGNMENT  
PLAN AND PROFILE  
STA 1459+50 TO STA 1485+50

CONTRACT NO.  
HSR06-0005

DRAWING NO.  
TA1057

SCALE  
AS SHOWN

SHEET NO.

